


# DXA-D50

## SERVICE MANUAL

*AEP Model  
UK Model*



This set is the deck amplifier  
Section in XO-D50.

Dolby noise reduction manufactured under license from  
Dolby Laboratories Licensing Corporation.  
"DOLBY" and the double-D symbol  are trademarks of  
Dolby Laboratories Licensing Corporation.

### SPECIFICATION

#### Amplifier section

Continuous RMS power output (Continental European model)  
50W + 50W (at 1kHz, 5% T.H.D.)

Music power output (Continental European model)  
85W + 85W (at 1kHz, 5% T.H.D.)

Peak music power output (model for other countries)  
510W

#### Inputs

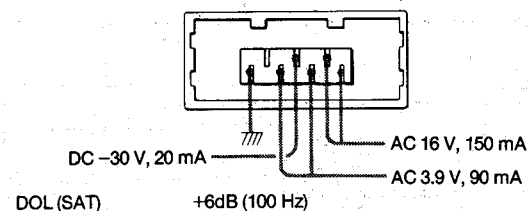
	Jack type	Sensitivity	Impedance
PHONO IN	Phono	2mV	50kohms
VIDEO/DAT	Phono	150mV	50kohms
CD	Phono	150mV	20kohms
MIC	Phone	2mV	20kohms

#### Outputs

	Jack type	Voltage	Impedance
VIDEO/DAT	Phono	150mV	470ohms
SURROUND speaker	Phono	Accepts speakers of 6ohms to 16ohms	
HEADPHONES	Stereo phone	Accepts headphones of 8ohms or more	

#### SYSTEM CONTROL connector

SYSTEM CONTROL 2: 7-pin



Model Name Using Similar Mechanism	New
Tape Transport Mechanism Type	DECK A: TCM-170RA1 DECK B: TCM-170RB1

#### Cassette deck section

Recording system 4-track 2-channel stereo

Frequency response

DOLBY NR OFF (DIN)  
With TYPE II cassette (Sony UX-S)  
40 to 14,000Hz  $\pm$  3 dB  
With TYPE I cassette (Sony HF-S)  
40 to 13,000 Hz  $\pm$  3 dB

Wow and flutter

0.1% WRMS (NAB)  
0.2% (DIN)

#### General

Power requirements

Continental European model: 220 VAC (240 VAC,  
adjustable by authorized Sony personnel), 50/60 Hz

Power consumption

Continental European model: 110W  
2 Unswitched, total 100W max.

AC outlet


Dimensions

Approx. 355  $\times$  220  $\times$  325 mm (w/h/d)  
(14  $\times$  8 $\frac{5}{8}$   $\times$  12 $\frac{1}{8}$  inches)

Weight

Incl. projecting parts and controls  
Approx. 7.8 kg (17 lb 3 oz)

#### SAFETY-RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY SHADING AND MARK  
 ON THE SCHEMATIC DIAGRAMS AND IN THE  
PARTS LIST ARE CRITICAL TO SAFE OPERATION.  
REPLACE THESE COMPONENTS WITH SONY PARTS  
WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS  
MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

# STEREO CASSETTE DECK AMPLIFIER

# SONY®



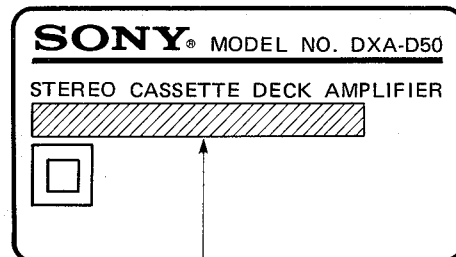


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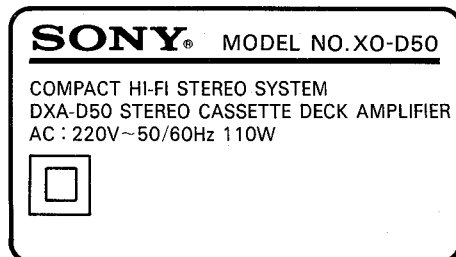
## SECTION 1 GENERAL

### 1-1. MODEL IDENTIFICATION —Specification Label—



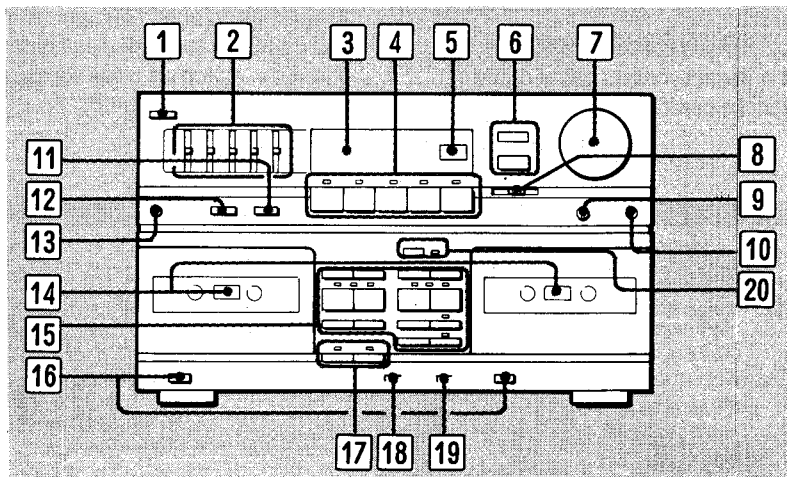
AEP model: AC : 220V ~ 50/60Hz 110W  
UK model: AC : 240V ~ 50/60Hz 240W

WEST GERMANY model



### 1-2. PARTS IDENTIFICATION

Deck Amplifer



## SECTION 2 MECHANICAL ADJUSTMENTS

### PRECAUTION

- Clean the following parts with a denatured-alcohol-moistened swab:
 

Record/playback head	pinch roller
erase head	rubber belts
capstan	idlers
- Demagnetize the record/playback head with a head demagnetizer.
- Do not use a magnetized screwdriver for the adjustments.
- After the adjustments, apply suitable locking compound to the parts adjusted.
- The adjustments should be performed with the rated power supply voltage unless otherwise noted.

### 2-1. Torque Measurement

Mode	Torque Motor	Torque
FWD	CQ-102C	30—70g • cm 0.41—0.97oz • inch
FWD back tension	CQ-102C	2—6g • cm 0.03—0.08oz • inch
REV	CQ-102RB	30—70g • cm 0.41—0.97oz • inch
REV back tension	CQ-102RB	2—6oz • cm 0.03—0.08oz • inch
FF, REW	CQ-201B	90—160g • cm 1.25—2.22oz • inch

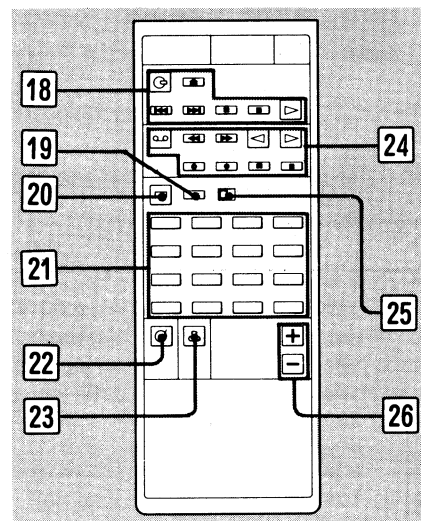
### Amplifier section

- POWER switch
- 5 BAND GRAPHIC EQUALIZER controls
- POWER LEVEL METER
- Function selectors and indicators
- Remote sensor
- WM POSITION button
- VOLUME control
- BALANCE control
- MIC (microphone) LEVEL control
- MIC (microphone) jack (phone jack)
- DOL (dynamic optimum loudness) button
- SURROUND button : AEP, WEST GERMANY
- HEADPHONES jack (stereo phone jack)

### Cassette deck section

- Cassette holders
- Tape operation buttons
  - Leftward fast winding
  - Rightward fast winding
  - Reverse play
  - Forward
  - Stop
  - PAUSE
  - REC MUTE
- REC (Corresponding to ● on remote commander)
- EJECT buttons
- DUBBING speed select buttons and indicators
- DIRECTION MODE selectors
- DOLBY NR\* (Noise Reduction) switch
- Tape COUNTER and RESET button

### Remote commander



- CD player operation buttons
- BAND selector
- TUNER button
- Preset tuning buttons (for tuner)/direct music selection buttons (for CD player)
- PHONO button
- VIDEO/DAT button
- TAPE deck operation buttons
- TUNER/CD selector
- VOLUME +/- buttons

## SECTION 3 ELECTRICAL ADJUSTMENTS

**Note:** The adjustment should be performed in the order given in this service manual.

The adjustments should be performed for both L-CH and R-CH.

- Set the TAPE switches according to the tape as follows.

Tape	Tape Switch
CS-17	TYPE I
CS-26	TYPE II
CS-42	TYPE IV

- Switches and controls should be set as follows unless otherwise specified.

DOLBY NR switch: OFF

- Standard Record: Deliver the standard input signal level to the input jack and set the REC LEVEL control to obtain the standard output signal level.

### Standard Input Level

INPUT terminal	LINE IN
source impedance	10kΩ
input level	0.25V (−10dB)

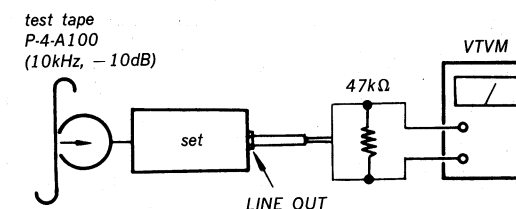
### Standard Output Level

OUTPUT terminal	LINE OUT
load impedance	47kΩ
output level	0.435V (−5dB)

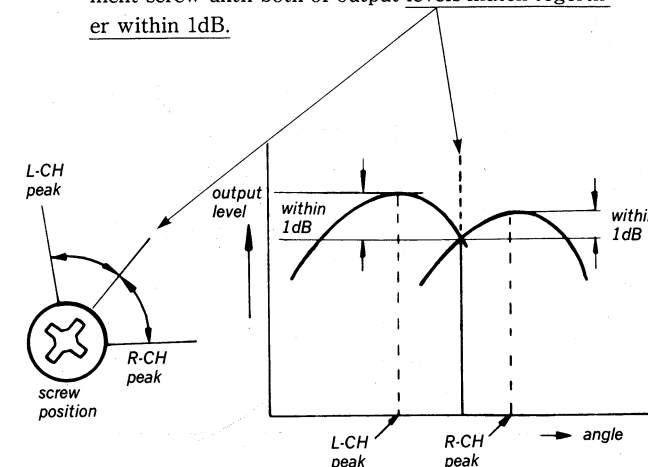
### 3-1. Record/playback Head Azimuth Adjustment

#### Procedure:

- Mode: playback

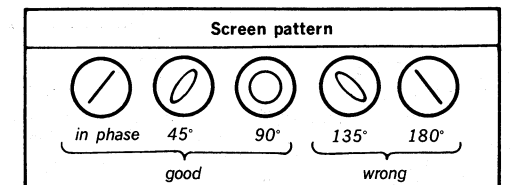
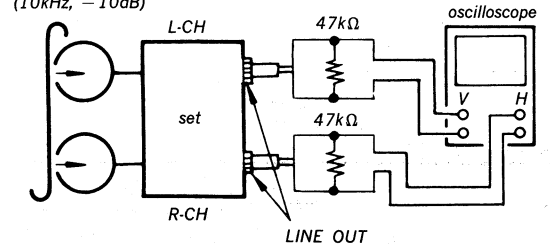


- Turn the adjustment screw for the maximum output levels. If these levels do not match, turn the adjustment screw until both of output levels match together within 1dB.



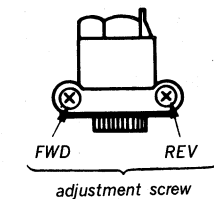
- Phase Check  
Mode: playback

test tape  
P-4-A100  
(10kHz, −10dB)



- Repeat steps 1—3 in REV playback mode.
- After the adjustment, lock the screws with locking compound.

### Adjustment Location:

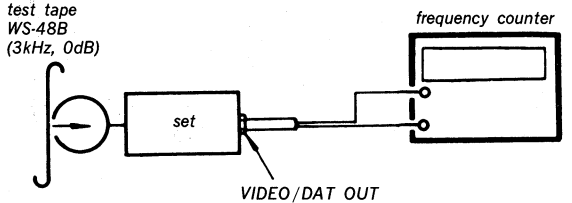


### 3-2. Tape Speed Adjustment DECK A DECK B

#### Procedure:

Mode: playback

test tape  
WS-48B  
(3kHz, 0dB)



(High speed adjustment)

- Playback WS-48B (Tape center portion) in High speed mode.
- Adjust the deck A (H), deck B (H) so that at this time the frequency counter reads 5960Hz ± 60Hz.

(Normal speed adjustment)

- Playback WS-48B (Tape center portion) in Normal speed mode.
- Adjustment the deck A (L), deck B (L) so that at this time the frequency counter reads 2960 ± 30Hz.

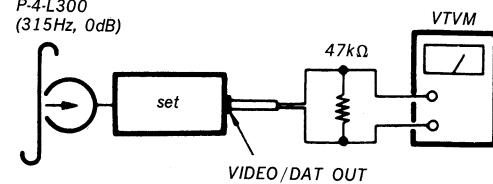
Frequency difference between the beginning and the end of the tape should be within 0.23%.

## SECTION 4 DIAGRAMS

### 3-3. Playback Level Adjustment DECK A DECK B

#### Procedure:

Mode: playback  
test tape  
P-4-L300  
(315Hz, 0dB)



Adjustment the RV41-A (L-ch), RV61-A (R-ch) of Deck A and RV41-B (L-ch), RV61-B (R-ch) of Deck B.

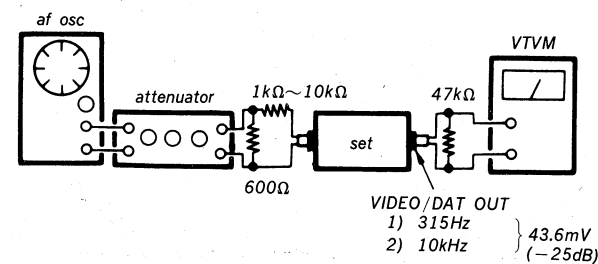
#### Specification:

VIDEO/DAT OUT LEVEL: 0.44 to 0.55V (−3 to −5dB)  
Level difference between channels: less than 2dB  
Check that the VIDEO/DAT OUT level does not change in playback mode while changing the mode from playback to stop several times.

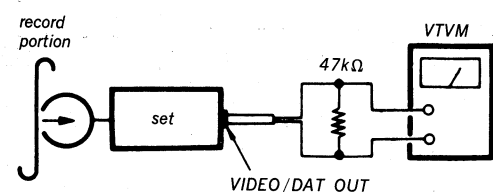
### 3-4. Record Bias Adjustment DECK B

#### Procedure:

1. Mode: record monitor



2. Mode: playback

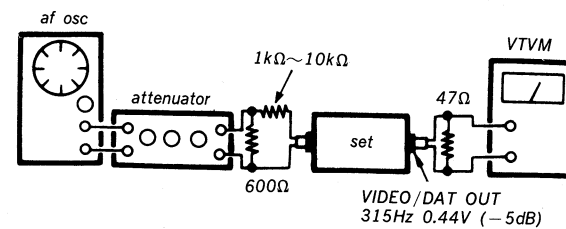


Playback the tape recorded in step 1.  
Confirm that the VIDEO/DAT OUT level of 10kHz signal is 0 ±1dB relative to that of 315Hz. If not, adjust the RV42 (L-ch), RV62 (R-ch) and repeat steps 1 and 2.

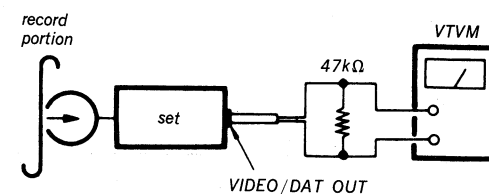
### 3-5. Record Level Adjustment DECK B

#### Procedure:

1. Mode: record monitor



2. Mode: playback



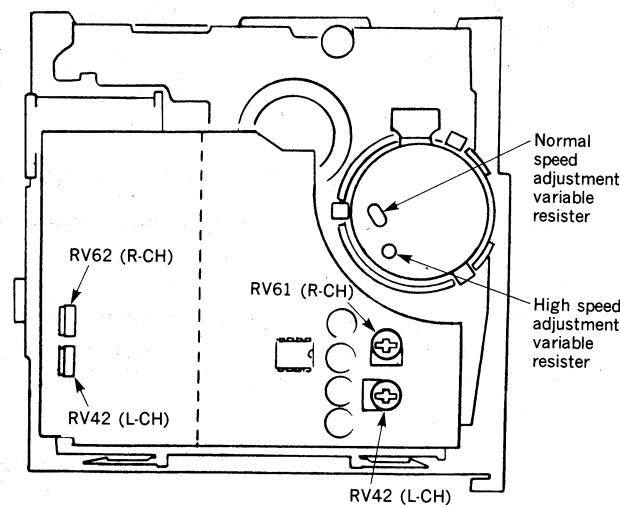
Adjust RV101 (L-CH), RV201 (R-CH).

#### Specification:

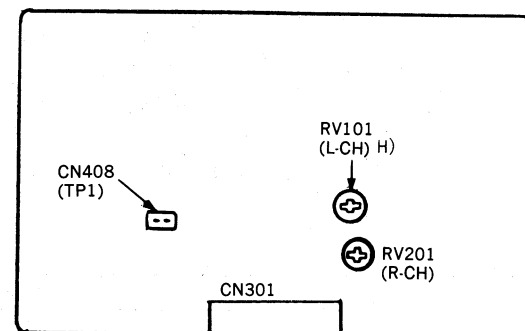
VIDEO/DAT OUT level: 0.41 to 0.46V (−5.5 to −4.5dB)

#### Adjustment Location:

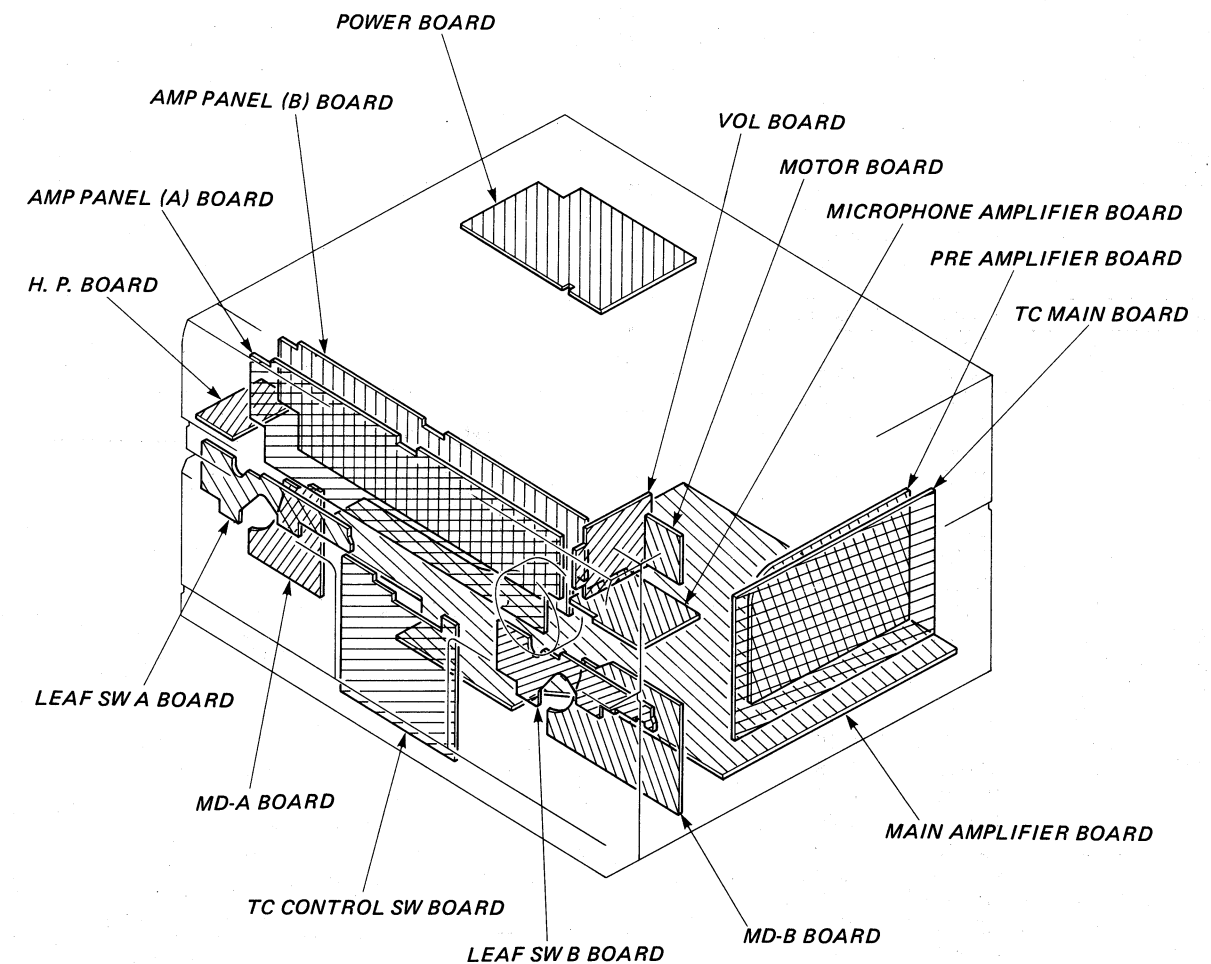
—MD board—



—TC MAIN board—

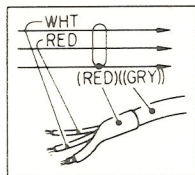


### 4-1. CIRCUIT BOARDS LOCATION



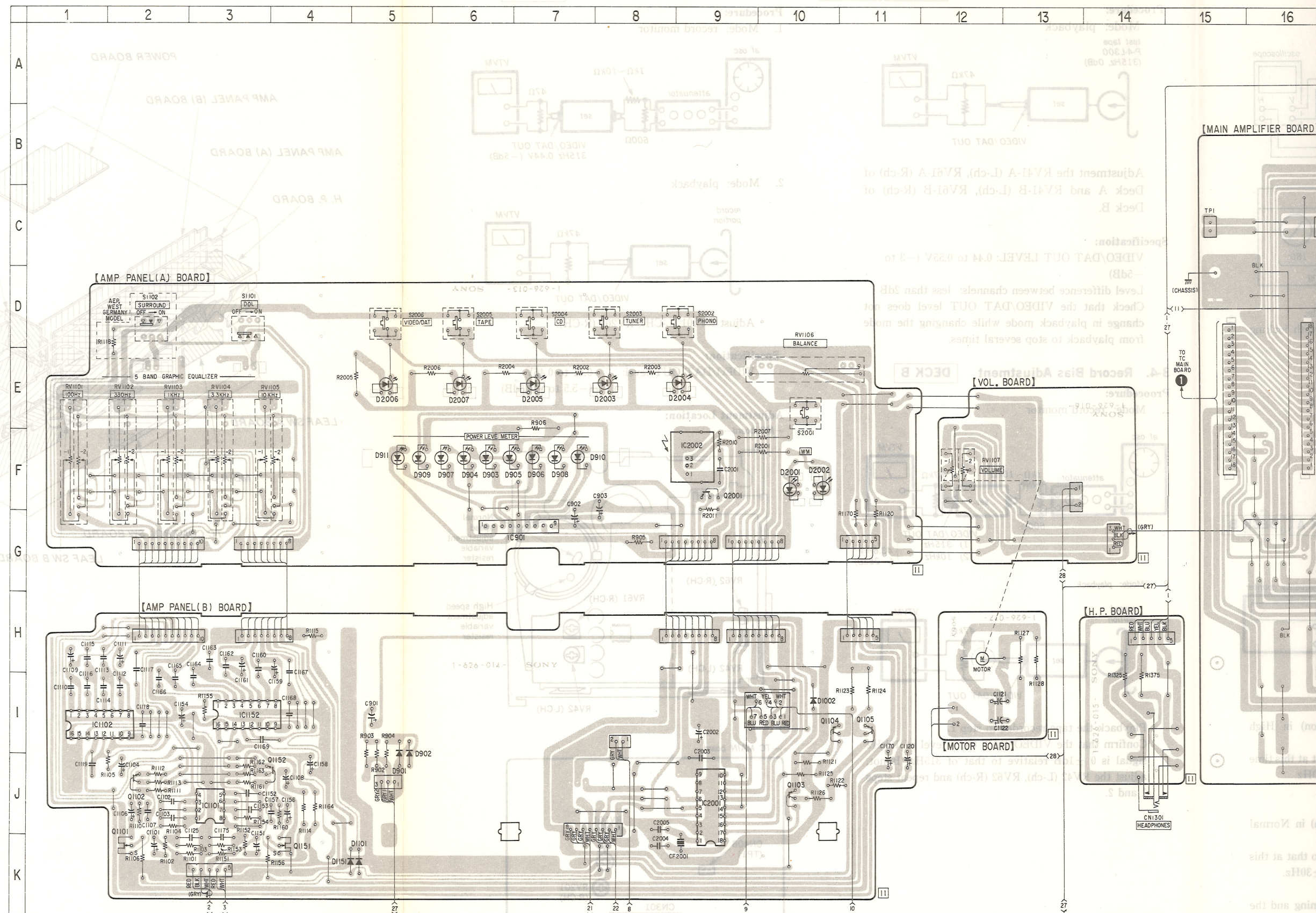


- Color code or sleeving over the end of the jacket.

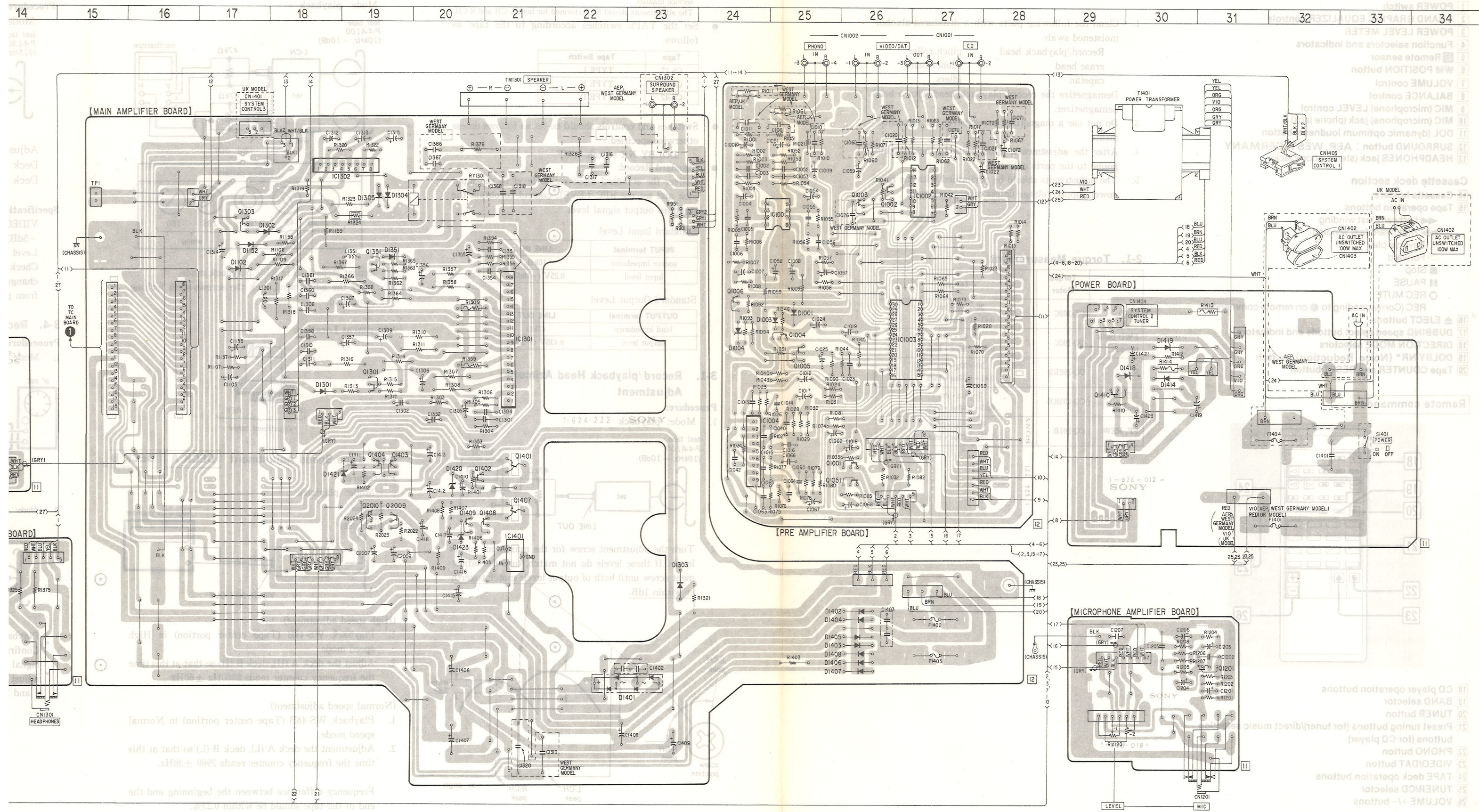


- ○ — : parts extracted from the component side.
- ■ : parts mounted on the conductor side.
- □ → indicates side identified with part number.

Ref. No.	Location	Re. No.	Location
D901	I-5	IC901	G-7
D902	I-5	IC1001	C-25
D903	F-6	IC1002	I-10
D904	F-6	IC1003	E-26
D905	F-7	IC1004	G-24
D906	F-7	IC1101	J-3
D907	F-6	IC1102	I-1
D908	F-7	IC1152	I-3
D909	F-5	IC301	E-21
D910	F-7	IC1302	C-19
D911	F-5	IC401	H-21
D1001	E-25	IC2001	J-9
D1002	I-10	IC2002	F-9
D1003	E-25		
D1004	E-24	Q1001	G-26
D1101	K-5	Q1002	C-26
D1102	D-17	Q1003	C-26
D1151	K-4	Q1004	E-25
D1152	D-17	Q1005	E-25
D1301	F-18	Q1006	D-24
D1302	C-17	Q1051	G-26
D1303	H-23	Q1101	K-2
D1304	C-19	Q1102	J-2
D1305	C-19	Q1103	J-10
D1351	D-19	Q1104	I-10
D1401	J-22	Q1105	I-11
D1402	I-26	Q1151	K-4
D1403	I-26	Q1152	J-3
D1404	I-26	Q1201	J-31
D1405	I-26	Q1301	F-19
D1406	I-26	Q1303	C-17
D1407	I-26	Q1351	D-19
D1408	I-26	Q1401	G-21
D1414	F-30	Q1402	G-20
D1418	E-29	Q1403	G-19
D1419	E-30	Q1404	G-19
D1420	G-20	Q1407	G-21
D1421	G-18	QQ1408	H-21
D1423	H-20	Q1409	H-20
D2001	F-10	Q1410	F-29
D2002	F-10	Q2001	F-9
D2003	E-8	Q2009	H-19
D2004	E-8	Q2010	H-19
D2005	E-7		
D2006	E-5		
D2007	E-6		

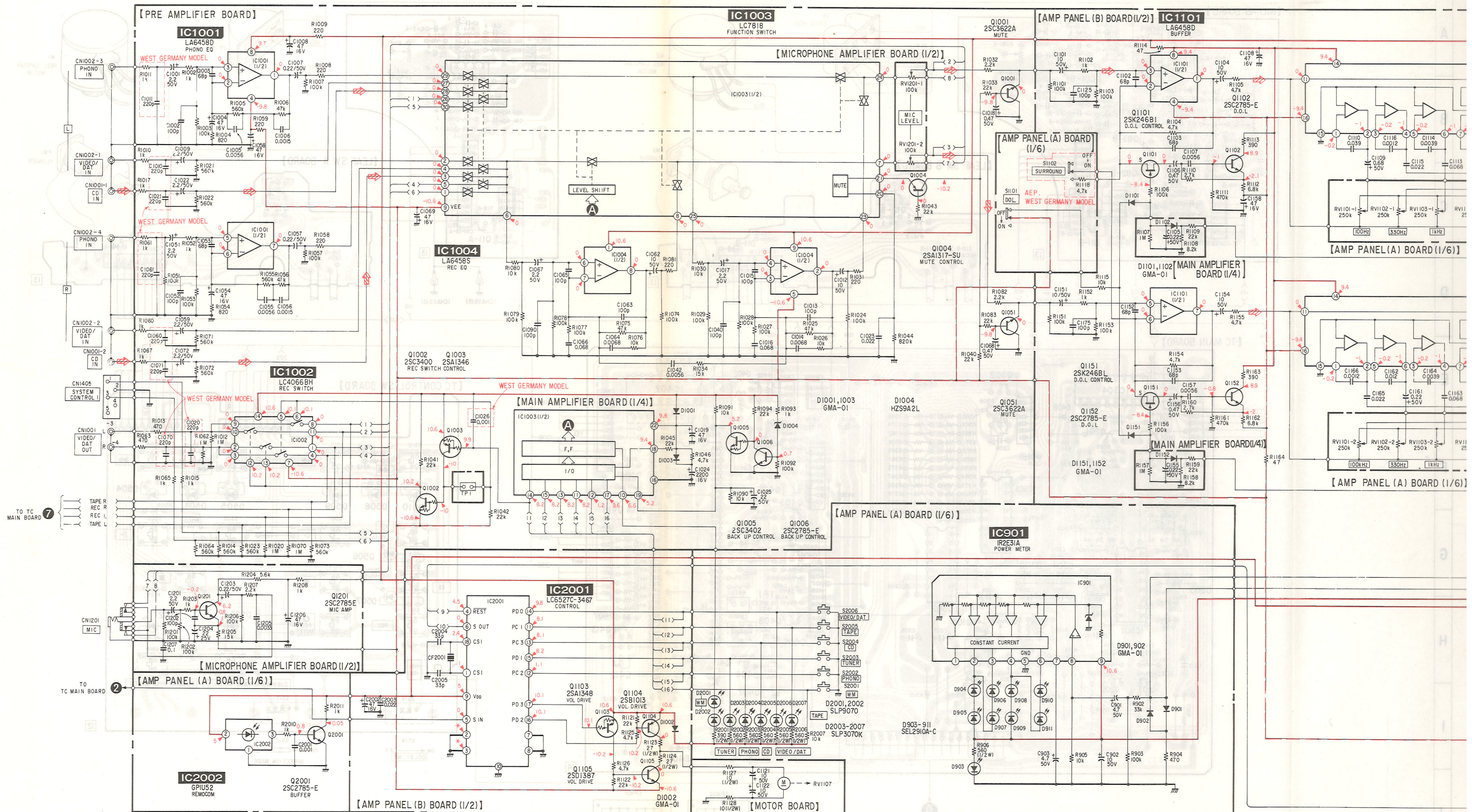




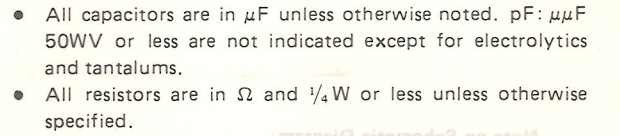








#### 4-3. SCHEMATIC DIAGRAM —AUDIO SECTION—









- % : indicates tolerance.
- $\Delta$  : internal component.
-  : nonflammable resistor.
-  : fusible resistor.

-  : B+ Line
-  : B- Line
-  : adjustment for repair.

- Voltage and waveforms are dc with respect to ground under no-signal conditions.

- Voltages are taken with a VOM (50 k $\Omega$ /V). Voltage variations may be noted due to normal production tolerances.

- Signal path.

**Note:** The components identified by mark  or dotted line with mark  are critical for safety. Replace only with part number specified.

- Switch

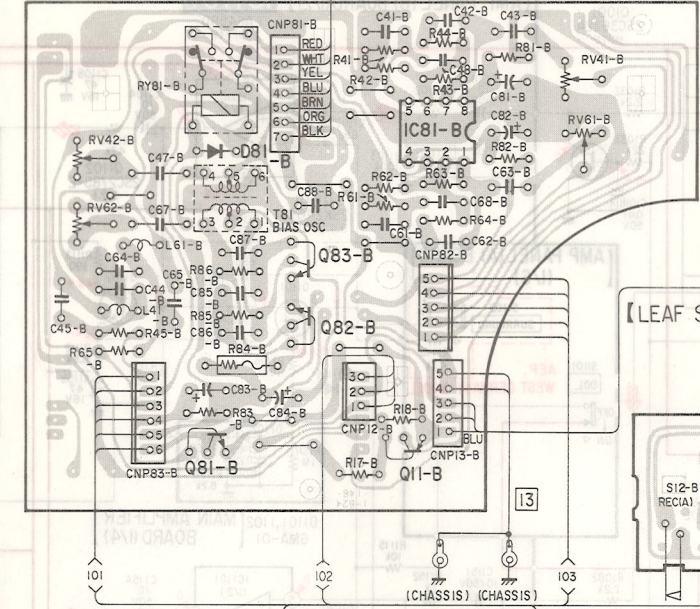
Ref. No.	Switch	Position
S1101	DOL	OFF
S1102	ASURROUND	OFF
S1401	POWER	OFF
S2001	WM	OFF
S2002	PHONO	OFF
S2003	TUNER	OFF
S2004	CD	OFF
S2005	TAPE	OFF
S2006	VIDEO/DAT	OFF



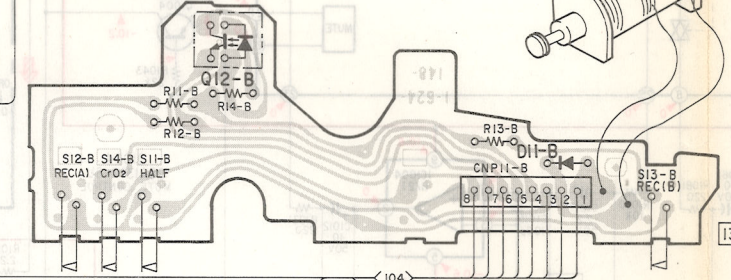




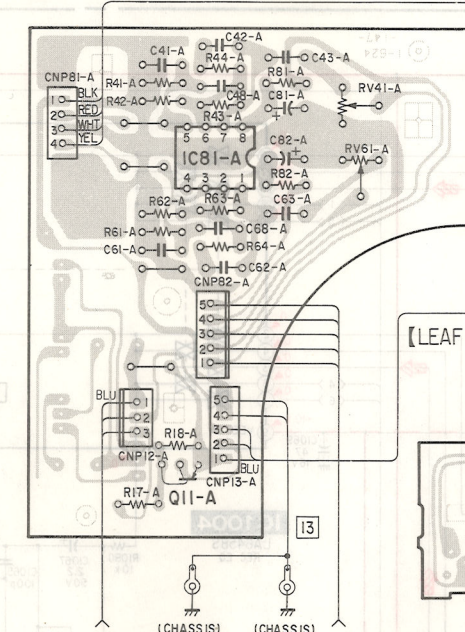
【MD-B BOARD】



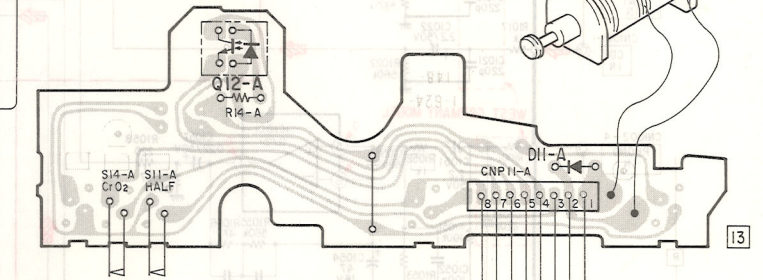
【LEAF SW B BOARD】



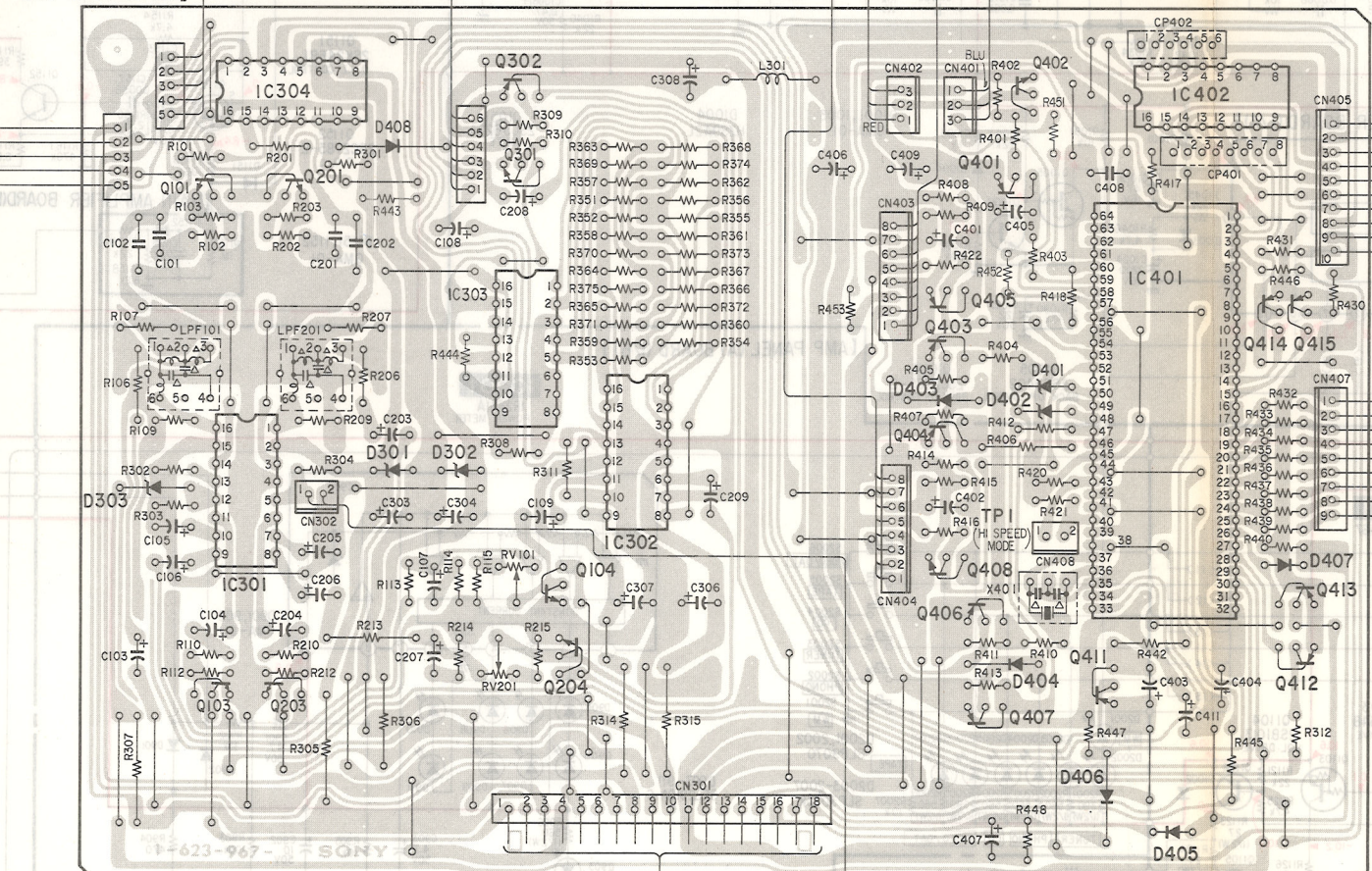
【MD-A BOARD】



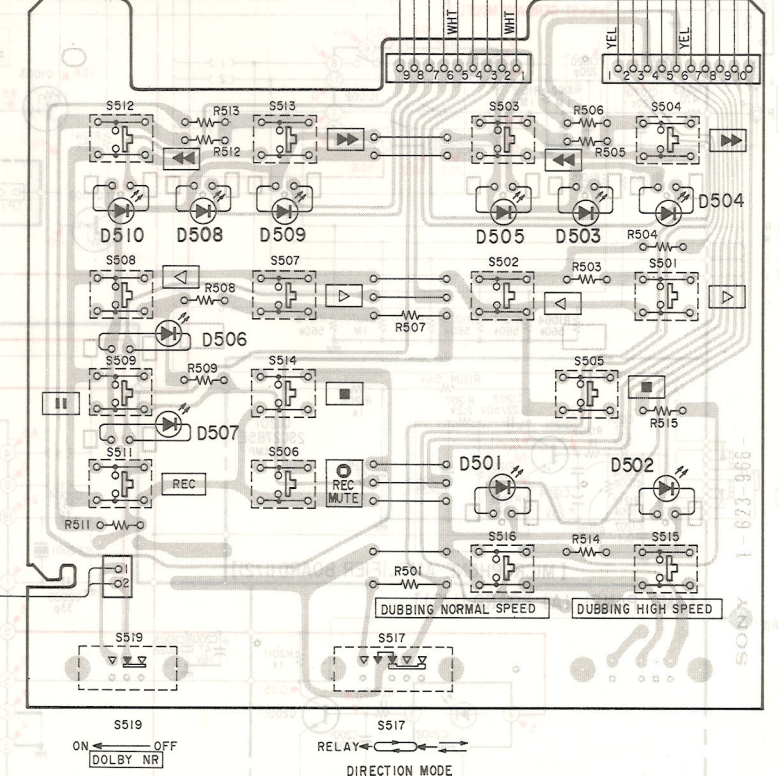
【LEAF SW A BOARD】



【TC MAIN BOARD】

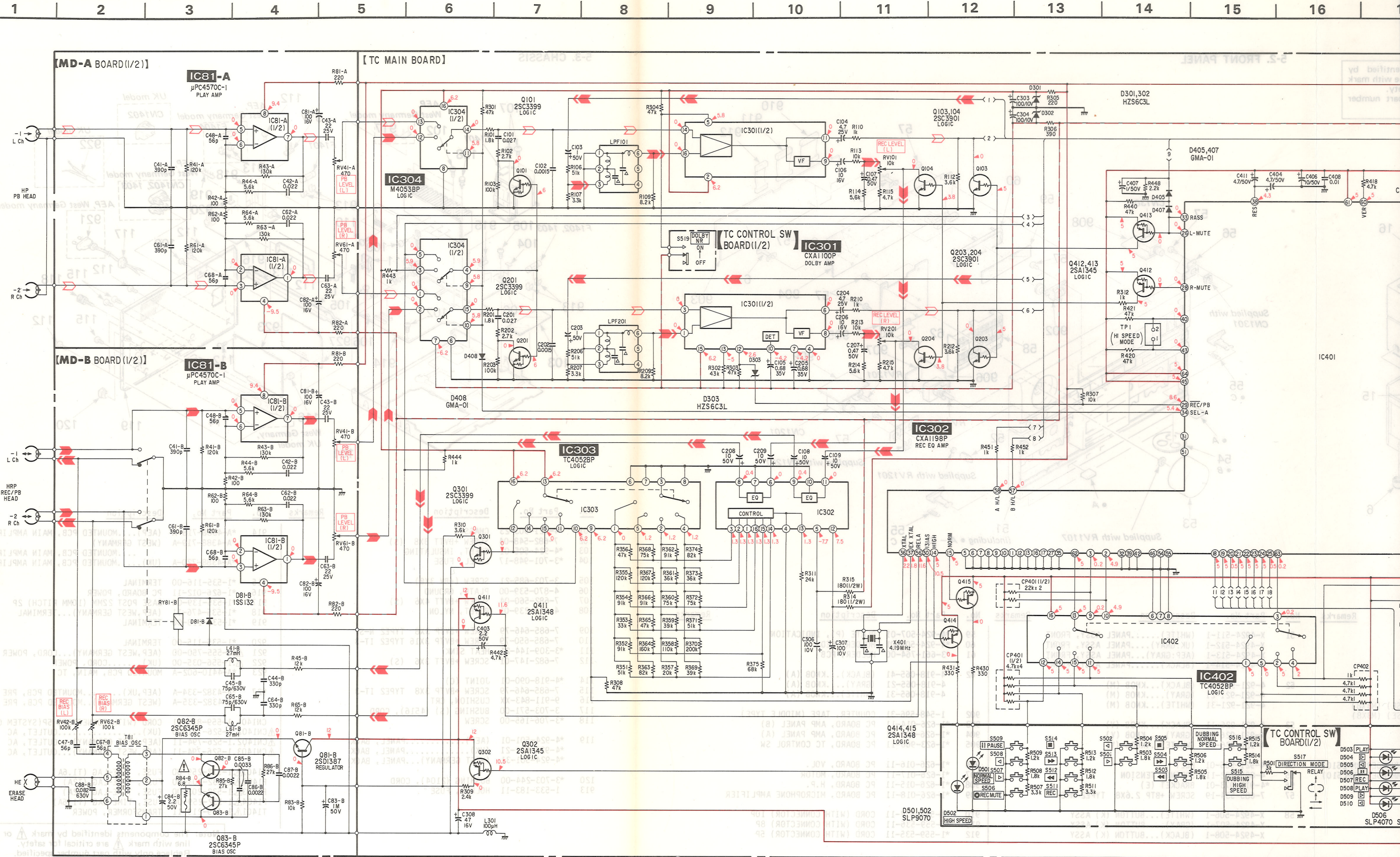


【TC CONTROL SW BOARD】

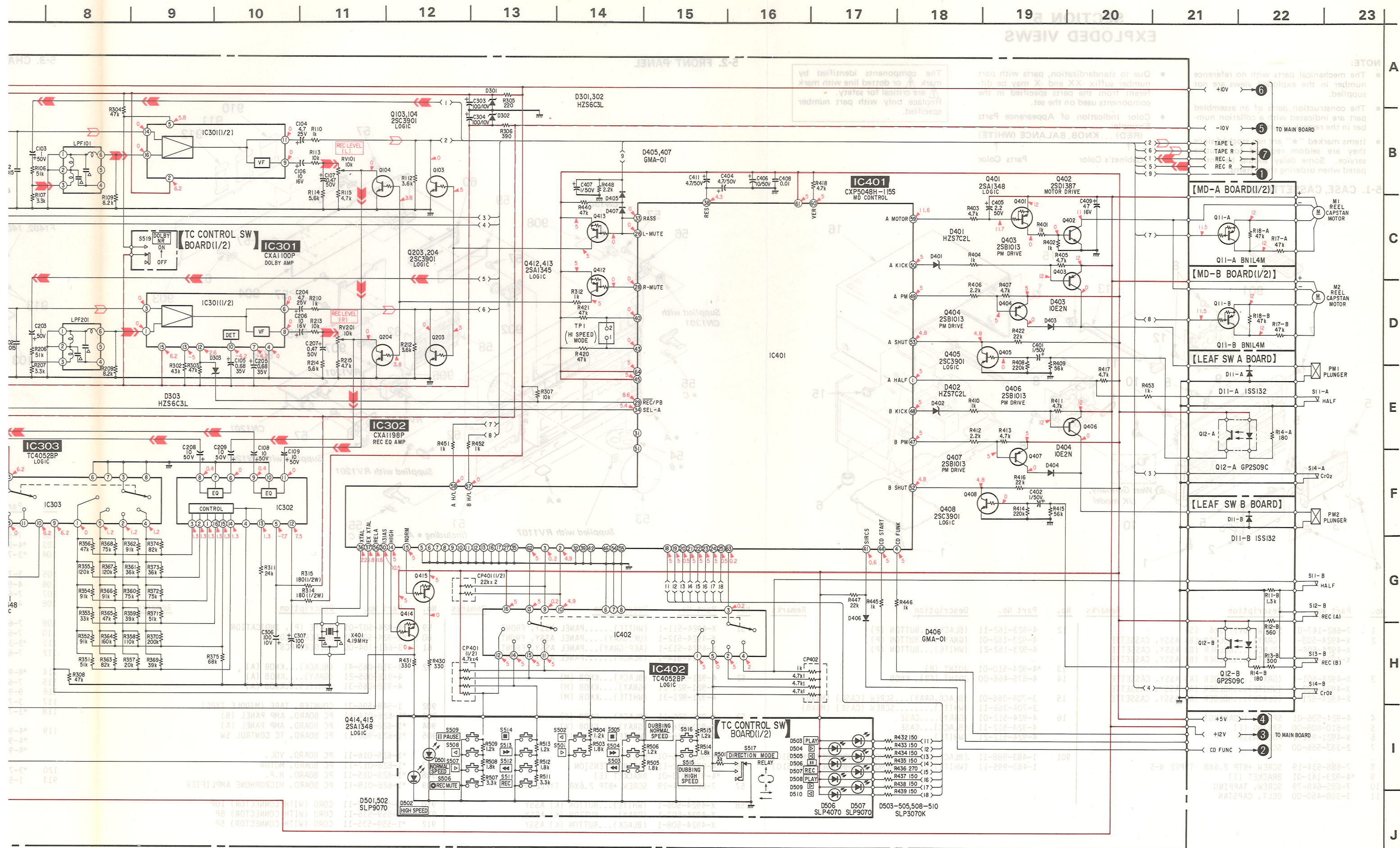




#### 4-5. SCHEMATIC DIAGRAM —TC SECTION—









## SECTION 5 EXPLODED VIEWS

**NOTE:**



- The mechanical parts with no reference number in the exploded views are not supplied.
- The construction parts of an assembled part are indicated with a collation number in the remark column.
- Items marked "★" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

- Due to standardization, parts with part number suffix -XX and -X may be different from the parts specified in the components used on the set.
  - Color Indication of Appearance Parts  
Example:  
(RED) ... KNOB, BALANCE (WHITE)
- ↑

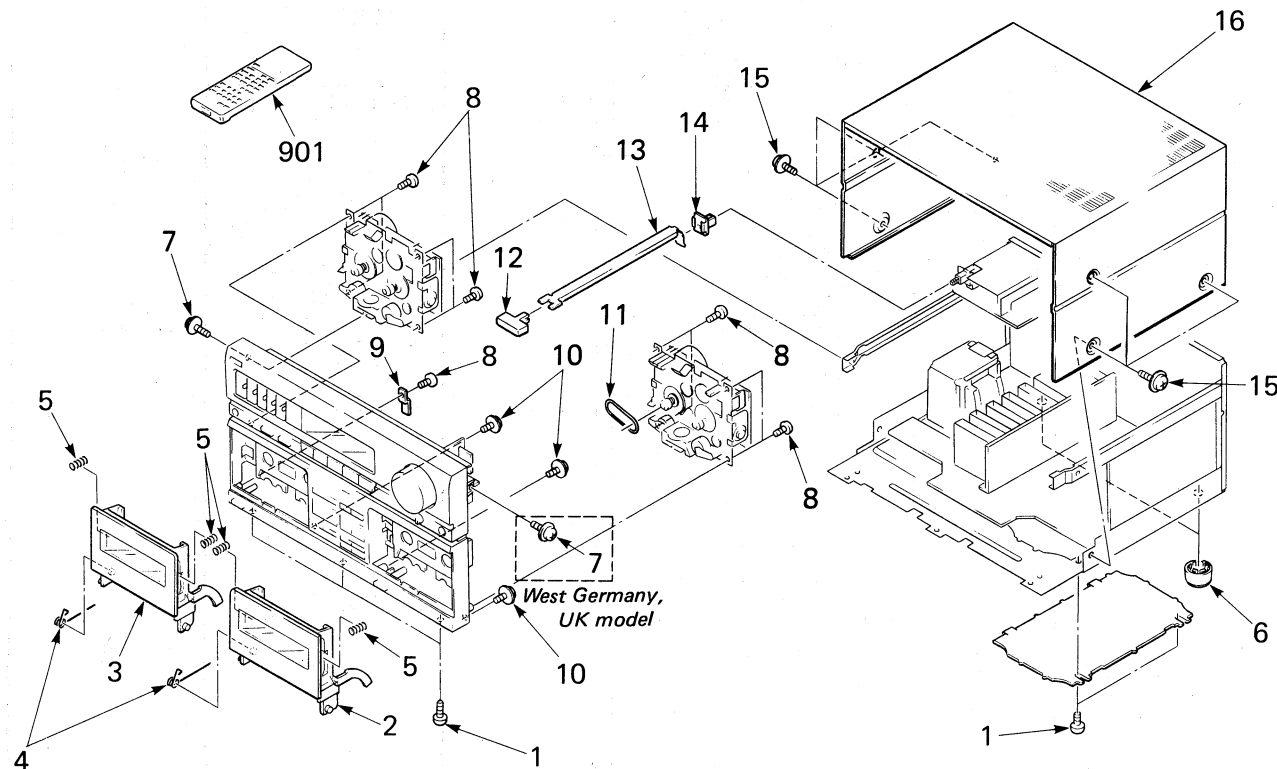
Cabinet's Color

↑

Parts Color

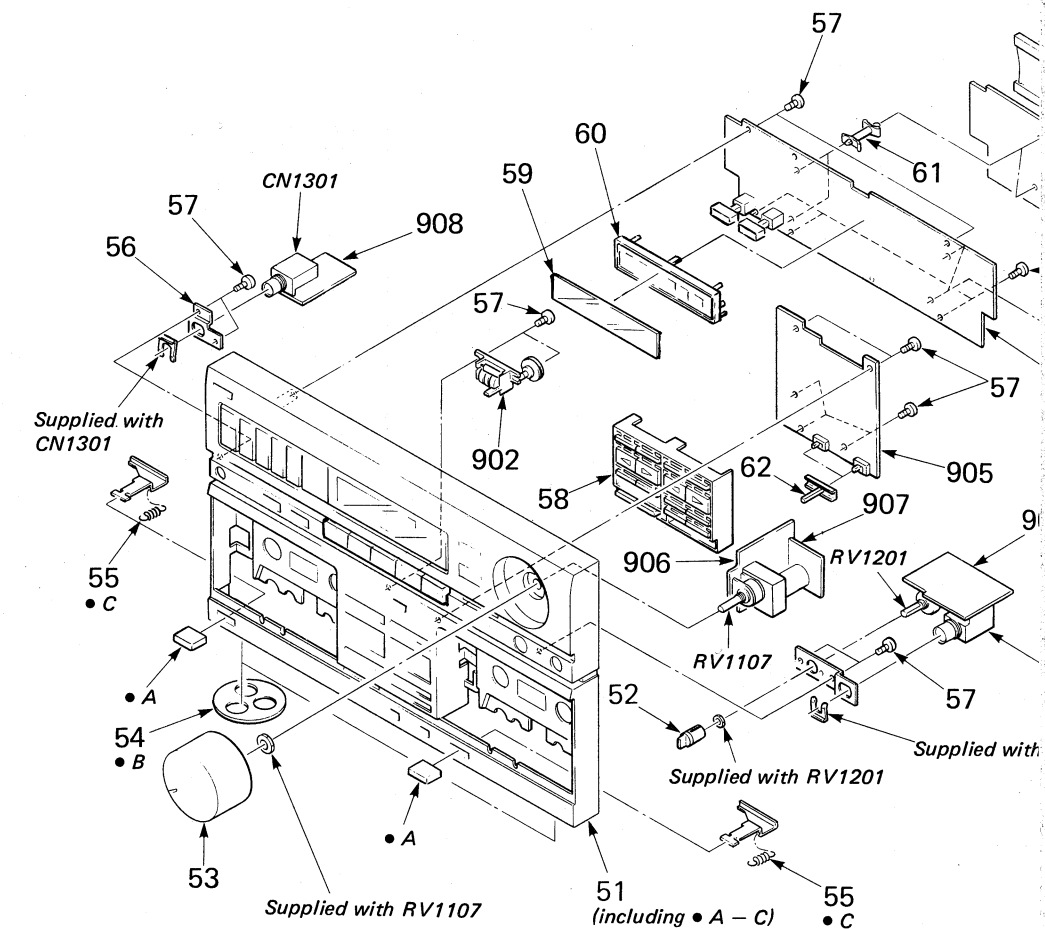
The components identified by mark  or dotted line with mark  are critical for safety. Replace only with part number specified.

### 5-1. CASE, CASSETTE LID



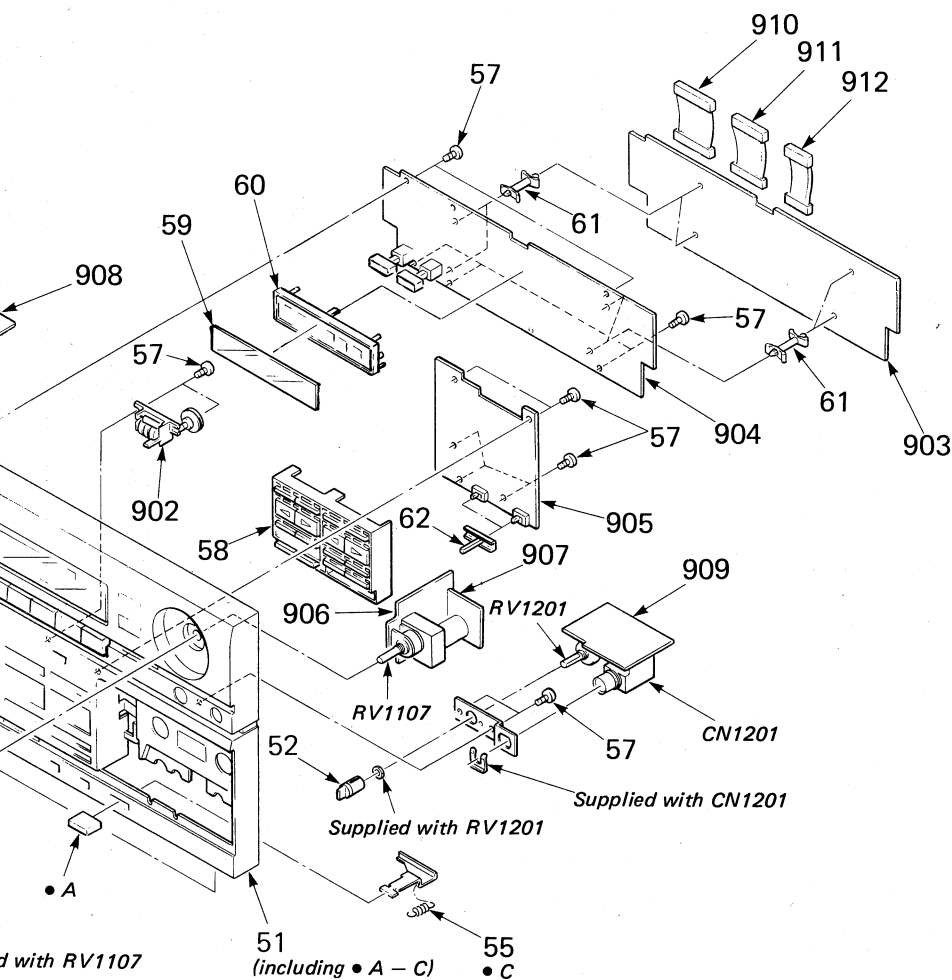
No.	Part No.	Description	Remarks	No.	Part No.	Description	Remarks
1	7-682-147-01	SCREW +BVT1 3X6 (S)		12	4-923-162-11	(BLACK)...BUTTON (P)	
2	X-4924-503-1	(GRAY)...HOLDER (B) ASSY, CASSETTE			4-923-162-01	(GRAY)...BUTTON (P)	
	X-4924-504-1	(BLACK)...HOLDER (B) ASSY, CASSETTE			4-923-162-21	(WHITE)...BUTTON (P)	
	X-4924-505-1	(WHITE)...HOLDER (B) ASSY, CASSETTE		13	*4-924-510-01	JOINT (P)	
3	X-4924-501-1	(GRAY)...HOLDER (A) ASSY, CASSETTE		14	4-875-466-00	JOINT (F2), KNOB	
	X-4924-502-1	(WHITE)...HOLDER (A) ASSY, CASSETTE		15	3-704-366-01	(BLACK,GRAY)...SCREW (CASE) (M3X8)	
	X-4924-521-1	(BLACK)...HOLDER (A) ASSY, CASSETTE			3-704-366-11	(WHITE).....SCREW (CASE) (M3X8)	
4	4-924-506-01	SPRING (LOADING)		16	4-924-512-01	(GRAY)...CASE	
5	3-610-808-00	SPRING (1)			4-924-512-11	(BLACK)...CASE	
6	X-4921-901-1	FOOT ASSY			4-924-512-21	(WHITE)...CASE	
7	2-383-566-00	SCREW		901	1-463-988-11	(BLACK,GRAY)...REMOTE COMMANDER(RM-L510)	
8	7-685-534-19	SCREW +BTP 2.6X8 TYPE2 N-S			1-463-995-11	(WHITE).....REMOTE COMMANDER(RM-L510)	
9	*4-923-141-01	BRACKET (I)					
10	7-685-648-79	SCREW, TAPPING					
11	3-308-460-00	BELT, CAPSTAN					

## 5-2. FRONT PANEL

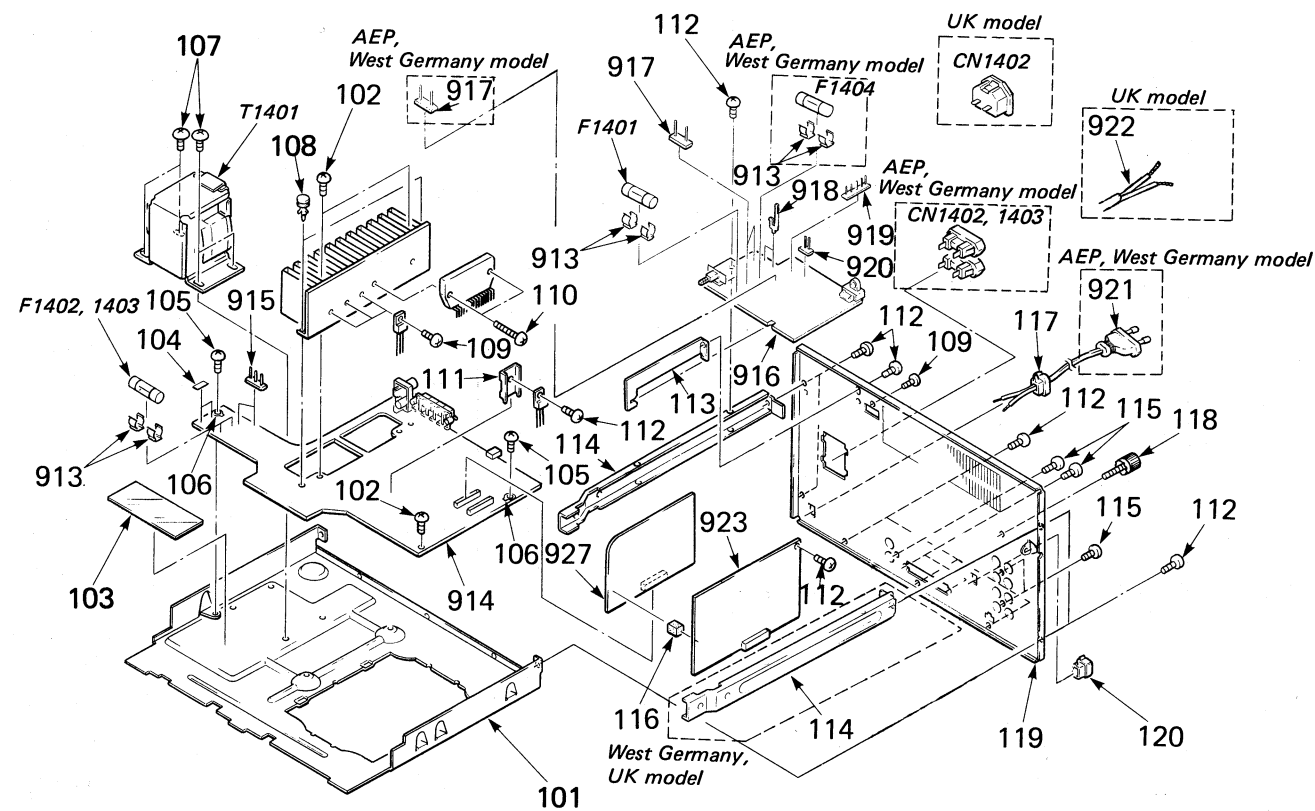


No.	Part No.	Description	Remarks	No.	Part No.	Description
51	X-4924-511-1	(WHITE).....PANEL ASSY, FRONT		59	*4-924-507-01	PLATE (P), IND
	X-4924-512-1	(UK:GRAY)....PANEL ASSY, FRONT		60	*4-924-509-01	HOLDER, LED
	X-4924-513-1	(AEP:GRAY)...PANEL ASSY, FRONT		61	*3-661-764-00	HOLDER, PCB
	X-4924-514-1	(BLACK).....PANEL ASSY, FRONT				
52	4-921-921-01	(BLACK)...KNOB (M)		62	4-918-065-41	(BLACK)...KNOB
	4-921-921-21	(GRAY)...KNOB (M)			4-918-065-21	(GRAY)...KNOB
	4-921-921-31	(WHITE)...KNOB (M)			4-918-065-31	(WHITE)...KNOB
53	4-921-926-11	(BLACK)...KNOB (V)		902	1-548-596-31	COUNTER, TAPE
	4-921-926-21	(GRAY)...KNOB (V)		903	*1-626-014-11	PC BOARD, AMP F
	4-921-926-31	(WHITE)...KNOB (V)		904	*1-626-013-11	PC BOARD, AMP F
				905	*1-623-966-11	PC BOARD, TC CO
54	4-921-906-01	FELT		906	*1-626-016-11	PC BOARD, VOL. F
55	4-885-182-11	SPRING, TENSION		907	*1-626-017-11	PC BOARD, MOTOF
56	*4-918-073-01	BRACKET (E)		908	*1-626-015-11	PC BOARD, H.P.
57	7-685-534-19	SCREW +BTP 2.6X8 TYPE2 N-S		909	*1-626-018-11	PC BOARD, MICRO
58	X-4924-506-1	(WHITE)...BUTTON (K) ASSY		910	*1-559-537-11	CORD (WITH CONN
	X-4924-507-1	(GRAY)...BUTTON (K) ASSY		911	*1-559-536-11	CORD (WITH CONN
	X-4924-508-1	(BLACK)...BUTTON (K) ASSY		912	*1-559-535-11	CORD (WITH CONN



### 5-3. CHASSIS



<u>Remarks</u>	<u>No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Remarks</u>
PANEL ASSY, FRONT	59	*4-924-507-01	PLATE (P), INDICATION	
PANEL ASSY, FRONT	60	*4-924-509-01	HOLDER, LED	
PANEL ASSY, FRONT	61	*3-661-764-00	HOLDER, PCB	
PANEL ASSY, FRONT	62	4-918-065-41	(BLACK)...KNOB (A)	
(M)		4-918-065-21	(GRAY)...KNOB (A)	
(M)		4-918-065-31	(WHITE)...KNOB (A)	
(M)				
(V)	902	1-548-596-31	COUNTER, TAPE (MIDDLE TYPE)	
(V)	903	*1-626-014-11	PC BOARD, AMP PANEL (B)	
(V)	904	*1-626-013-11	PC BOARD, AMP PANEL (A)	
(V)	905	*1-623-966-11	PC BOARD, TC CONTROL SW	
	906	*1-626-016-11	PC BOARD, VOL.	
N	907	*1-626-017-11	PC BOARD, MOTOR	
	908	*1-626-015-11	PC BOARD, H.P.	
X8 TYPE2 N-S	909	*1-626-018-11	PC BOARD, MICROPHONE AMPLIFIER	
ON (K) ASSY	910	*1-559-537-11	CORD (WITH CONNECTOR) 10P	
ON (K) ASSY	911	*1-559-536-11	CORD (WITH CONNECTOR) 8P	
ON (K) ASSY	912	*1-559-535-11	CORD (WITH CONNECTOR) 5P	



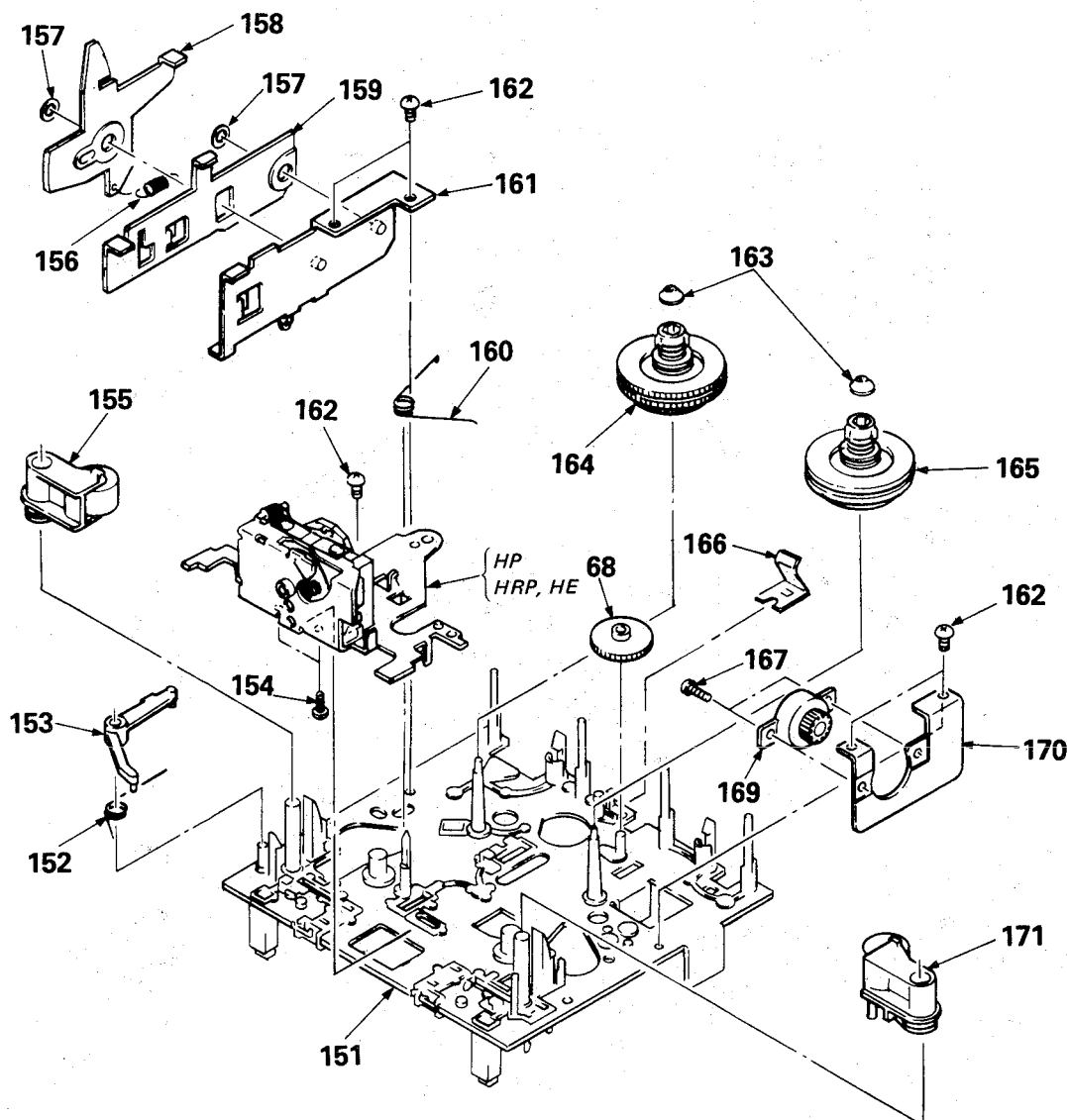
No.	Part No.	Description	Remarks	No.	Part No.	Description	Remarks
101	*4-921-903-23	CHASSIS		914	*A-4388-718-A	(AEP)...MOUNTED PCB, MAIN AMPLIFIER	
102	7-682-548-04	SCREW +BVTT 3X8 (S)			*A-4388-719-A	(WEST GERMANY)	
103	*4-924-505-01	SHEET, INSULATING				....MOUNTED PCB, MAIN AMPLIFIER	
104	*3-701-948-17	LABEL, FUSE			*A-4388-720-A	(UK)....MOUNTED PCB, MAIN AMPLIFIER	
105	3-703-685-21	SCREW (+BV 3X8)		915	*1-535-116-00	TERMINAL	
106	4-870-539-00	PLATE, GROUND		916	*1-626-012-11	PC BOARD, POWER	
107	7-682-560-04	SCREW +BVTT 4X6 (S)		917	*1-535-139-00	BASE POST 22MM (10MM PITCH) 2P	
108	4-917-239-01	RIVET, NYLON		918	*1-535-476-11	(AEP,WEST GERMANY)...TERMINAL	
				919	*1-535-118-00	TERMINAL	
109	7-685-646-79	SCREW +BVTP 3X8 TYPE2 N-S		920	*1-535-115-00	TERMINAL	
110	7-685-650-79	SCREW +BVTP 3X16 TYPE2 IT-3		921	△.1-555-750-00	(AEP,WEST GERMANY)...CORD, POWER	
111	*3-309-144-21	HEAT SINK		922	△.1-556-035-00	(UK).....CORD, POWER	
112	7-682-147-01	SCREW +BVTT 3X6 (S)		923	*A-4410-602-A	MOUNTED PCB, MAIN, TC	
114	*4-918-090-01	JOINT (C)					
115	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3		927	*A-4382-334-A	(AEP,UK).....MOUNTED PCB, PRE AMPLIFIER	
116	9-911-843-XX	CUSHION, CRT			*A-4382-335-A	(WEST GERMANY)..MOUNTED PCB, PRE AMPLIFIER	
117	3-703-571-00	BUSHING (S) (4516), CORD					
118	*3-706-165-00	SCREW			CN1401.1-559-831-11	CORD (WITH CONNECTOR) 5P(SYSTEM CONTROL 1)	
119	*4-924-501-01	(AEP).....PANEL, BACK			△CN1402.1-526-751-00	(UK).....OUTLET, AC	
	*4-924-501-21	(UK).....PANEL, BACK			△CN1402.1-526-794-11	(AEP,WEST GERMANY)...OUTLET, AC	
	*4-924-501-31	(WEST GERMANY)...PANEL, BACK			△CN1403.1-526-794-11	(AEP,WEST GERMANY)...OUTLET, AC	
120	*3-703-244-00	BUSHING (2104), CORD			F1401△.1-532-259-00	FUSE, TIME-LAG (T1.6A)	
913	1-533-183-11	HOLDER, FUSE			F1402△.1-532-203-00	FUSE, TIME-LAG (T2A)	
					F1403△.1-532-203-00	FUSE, TIME-LAG (T2A)	
					F1404△.1-532-259-00	FUSE, TIME-LAG (T1.6A)	
					T1401△.1-449-219-11	TRANSFORMER, POWER	

**Note:** The components identified by mark  or dotted line with mark  are critical for safety. Replace only with part number specified.

## 5-4. MECHANISM DECK (1)

DECK A : TCM-170RA1

DECK S : TCM-170RB1

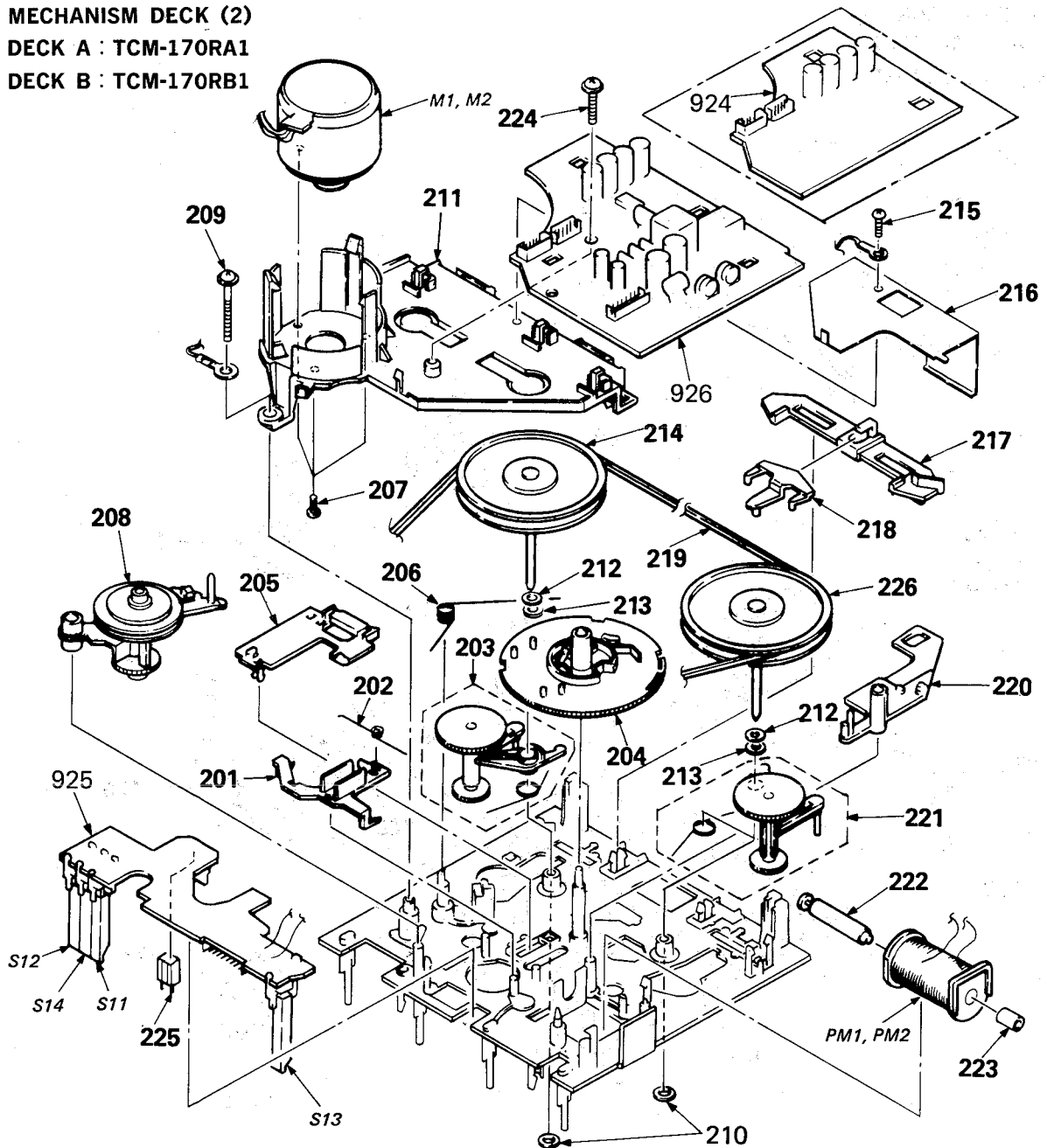


No.	Part No.	Description	Remarks	No.	Part No.	Description	Remarks
151	X-3343-413-1	CHASSIS ASSY, MECHANICAL		163	3-343-439-01	CAP (REEL TABLE)	
152	3-343-448-01	SPRING, TORSION		164	X-3343-415-1	TABEL (REV) ASSY, REEL	
153	3-343-416-01	LEVER (EJECT SAFETY LEVER)		165	X-3343-401-1	TABEL ASSY, REEL	
154	7-685-102-19	SCREW +P 2X4 NON-SLIT TYPE 2		166	3-343-420-01	SPRING, LEAF	
155	X-3343-403-1	LEVER (PINCH LEVER REV) ASSY		167	7-621-255-15	SCREW +PTT 2X3 (S)	
156	3-343-474-01	SPRING, TENSION		168	3-343-411-01	GEAR (FF GEAR)	
157	3-558-708-21	WASHER, STOPPER		169	3-319-224-31	DAMPER, SMALL	
158	*3-343-449-01	LEVER (LOCK LEVER)		170	*3-343-438-01	BRACKET (DAMPER BRACKET)	
159	*3-343-450-01	LEVER (EJECT LEVER)		171	X-3343-402-1	LEVER (PINCH LEVER FWD) ASSY	
160	3-343-401-01	SPRING, TORSION		HE	A-2108-123-A	(DECK B)...PC BOARD ASSY, HEAD (HRP/HE)	
161	*X-3343-410-1	BRACKET (EJECT) ASSY		HP	A-2108-122-A	(DECK A)...PC BOARD ASSY, HEAD (HP)	
162	7-621-773-86	SCREW +BVTT 2.6X4 (S)		HRP	A-2108-123-A	(DECK B)...PC BOARD ASSY, HEAD (HRP/HE)	

## 5-5. MECHANISM DECK (2)

DECK A : TCM-170RA1

DECK B : TCM-170RB1



No.	Part No.	Description	Remarks	No.	Part No.	Description	Remarks
201	3-343-453-01	SLIDER (BRAKE PLATE)		218	3-343-462-01	LEVER	
202	3-343-429-01	SPRING, TORSION		219	3-343-426-01	BELT (CAPSTAN BELT SQUARE)	
203	X-3343-406-1	LEVER (TU ARM REV) ASSY		220	*3-343-456-01	LEVER (PM LEVER)	
204	3-343-470-01	GEAR (CAM GEAR)		221	X-3343-405-1	LEVER (TU ARM FWD) ASSY	
205	*3-343-461-01	SLIDER		222	*3-343-425-01	ARBOR(MOVABLE IRON ARBOR),IRON	
206	3-343-430-01	SPRING, TORSION		223	*3-343-424-01	ARBOR (FIXED IRON ARBOR), IRON	
207	7-627-556-28	SCREW +P 2.6X3.5		224	3-343-404-01	SCREW (PTPWH 2X10)	
208	X-3343-414-1	LAVER (FR ARM) ASSY		225	*3-343-419-01	HOLDER (S SENSER A)	
209	3-343-403-01	SCREW (PTTWH 2X18)		226	X-3343-416-1	FLYWHEEL (REV) COMPLETE ASSY	
210	3-343-473-01	WASHER, NYLON		924	*1-624-147-13	(DECK A)...PC BOARD, MD-A	
211	*X-3343-407-1	BASE (THRUST RETAINER) ASSY		925	*1-624-148-11	PC BOARD, LEAF SW (A)/(B)	
212	4-605-835-11	WASHER (2.6), POLYSLIDER		926	*1-624-146-11	(DECK B)...PC BOARD, MD-B	
213	3-307-482-00	WASHER, LUMILER		M1	X-3343-408-1	MOTOR ASSY	
214	X-3343-411-1	FLYWHEEL COMPLETE ASSY		M2	X-3343-408-1	MOTOR ASSY	
215	7-685-102-19	SCREW +P 2X4 NON-SLIT TYPE 2		PM1	1-454-456-11	PLUNGER	
216	*3-343-480-01	PLATE, SHIELD		PM2	1-454-456-11	PLUNGER	
217	*3-343-457-01	SLIDER (REVERSE SLIDER)					



## SECTION 6 ELECTRICAL PARTS LIST

**NOTE:**

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- Items marked "★" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- If there are two or more same circuits in a set such as a stereophonic machine, only typical circuit parts may be indicated and capacitors and resistors in other same circuits may be omitted.

**CAPACITORS:**MF:  $\mu$ F, PF:  $\mu$ F.**RESISTORS**

- All resistors are in ohms.
- F: nonflammable

**COILS**

- MMH: mH, UH:  $\mu$ H

**SEMICONDUCTORS**In each case, U:  $\mu$ , for example:UA....:  $\mu$ A...., UPA....:  $\mu$ PA....,UPC....:  $\mu$ PC, UPD....:  $\mu$ PD....

The components identified by mark  $\Delta$  or dotted line with mark  $\Delta$  are critical for safety. Replace only with part number specified.

Ref.No.	Part No.	Description	Ref.No.	Part No.	Description			
901	1-463-988-11	(BLACK,GRAY)	C62-A	1-136-157-00	FILM	0.022MF	5%	50V
		...REMOTE COMMANDER (RM-L510)	C62-B	1-136-157-00	FILM	0.022MF	5%	50V
	1-463-995-11	(WHITE)...REMOTE COMMANDER (RM-L510)	C63-A	1-124-282-00	ELECT	22MF	20%	25V
902	1-548-596-31	COUNTER, TAPE (MIDDLE TYPE)	C63-B	1-124-282-00	ELECT	22MF	20%	25V
903	*1-626-014-11	PC BOARD, AMP PANEL (B)	C64-B	1-162-288-31	CERAMIC	330PF	10%	50V
904	*1-626-013-11	PC BOARD, AMP PANEL (A)	C65-B	1-136-273-91	FILM	75PF	5%	630V
			C67-B	1-162-217-31	CERAMIC	56PF	5%	50V
905	*1-623-966-11	PC BOARD, TC CONTROL SW	C68-A	1-162-217-31	CERAMIC	56PF	5%	50V
906	*1-626-016-11	PC BOARD, VOL.	C68-B	1-162-217-31	CERAMIC	56PF	5%	50V
907	*1-626-017-11	PC BOARD, MOTOR	C81-A	1-126-101-11	ELECT	100MF	20%	16V
908	*1-626-015-11	PC BOARD, H.P.	C81-B	1-126-101-11	ELECT	100MF	20%	16V
909	*1-626-018-11	PC BOARD, MICROPHONE AMPLIFIER	C82-A	1-126-101-11	ELECT	100MF	20%	16V
910	*1-559-537-11	CORD (WITH CONNECTOR) 10P	C82-B	1-126-101-11	ELECT	100MF	20%	16V
911	*1-559-536-11	CORD (WITH CONNECTOR) 8P	C83-B	1-124-499-11	ELECT	1MF	20%	50V
912	*1-559-535-11	CORD (WITH CONNECTOR) 5P	C84-B	1-124-925-11	ELECT	2.2MF	20%	50V
913	1-533-183-11	HOLDER, FUSE	C85-B	1-130-477-00	MYLAR	0.0033MF	5%	50V
914	*A-4388-718-A	(AEP)...MOUNTED PCB, MAIN AMPLIFIER	C86-B	1-110-199-00	MYLAR	0.0022MF	5%	50V
	*A-4388-719-A	(WEST GERMANY)	C87-B	1-110-199-00	MYLAR	0.0022MF	5%	50V
		....MOUNTED PCB, MAIN AMPLIFIER	C88-B	1-136-562-11	FILM	0.0082MF	5%	630V
	*A-4388-720-A	(UK)....MOUNTED PCB, MAIN AMPLIFIER	C101	1-136-158-00	FILM	0.027MF	5%	50V
915	*1-535-116-00	TERMINAL	C102	1-161-374-11	CERAMIC	0.0015MF	30%	16V
916	*1-626-012-11	PC BOARD, POWER	C103	1-124-499-11	ELECT	1MF	20%	50V
917	*1-535-139-00	BASE POST 22MM (10MM PITCH) 2P	C104	1-124-245-00	ELECT	4.7MF	20%	25V
918	*1-535-476-11	(AEP,WEST GERMANY)...TERMINAL	C105	1-131-346-00	TANTALUM	0.68MF	10%	35V
919	*1-535-118-00	TERMINAL	C106	1-124-462-00	ELECT	10MF	20%	16V
920	*1-535-115-00	TERMINAL	C107	1-124-902-00	ELECT	0.47MF	20%	50V
921	$\Delta$ 1-555-750-00	(AEP,WEST GERMANY)...CORD, POWER	C108	1-123-875-11	ELECT	10MF	20%	50V
922	$\Delta$ 1-556-035-00	(UK).....CORD, POWER	C109	1-123-875-11	ELECT	10MF	20%	50V
923	*A-4410-602-A	MOUNTED PCB, MAIN, TC	C201	1-136-158-00	FILM	0.027MF	5%	50V
927	*A-4382-334-A	(AEP,UK)...MOUNTED PCB, PRE AMPLIFIER	C202	1-161-374-11	CERAMIC	0.0015MF	30%	16V
			C203	1-124-499-11	ELECT	1MF	20%	50V
	*A-4382-335-A	(WEST GERMANY)	C204	1-124-245-00	ELECT	4.7MF	20%	25V
		....MOUNTED PCB, PRE AMPLIFIER	C205	1-131-346-00	TANTALUM	0.68MF	10%	35V
C41-A	1-162-289-31	CERAMIC	C206	1-124-462-00	ELECT	10MF	20%	16V
C41-B	1-162-289-31	CERAMIC	C207	1-124-902-00	ELECT	0.47MF	20%	50V
C42-A	1-136-157-00	FILM	C208	1-123-875-11	ELECT	10MF	20%	50V
C42-B	1-136-157-00	FILM	C209	1-123-875-11	ELECT	10MF	20%	50V
C43-A	1-124-282-00	ELECT	C303	1-124-443-00	ELECT	100MF	20%	10V
C43-B	1-124-282-00	ELECT	C304	1-124-443-00	ELECT	100MF	20%	10V
C44-B	1-162-288-31	CERAMIC	C306	1-124-443-00	ELECT	100MF	20%	10V
C45-B	1-136-273-91	FILM	C307	1-124-443-00	ELECT	100MF	20%	10V
C47-B	1-162-217-31	CERAMIC	C308	1-124-477-11	ELECT	47MF	20%	16V
C48-A	1-162-217-31	CERAMIC	C401	1-124-499-11	ELECT	1MF	20%	50V
C48-B	1-162-217-31	CERAMIC	C402	1-124-499-11	ELECT	1MF	20%	50V
C61-A	1-162-289-31	CERAMIC	C403	1-124-925-11	ELECT	2.2MF	20%	50V
C61-B	1-162-289-31	CERAMIC	C404	1-124-927-11	ELECT	4.7MF	20%	50V

Ref.No.	Part No.	Description			
C405	1-124-925-11	ELECT	2.2MF	20%	50V
C406	1-123-875-11	ELECT	10MF	20%	50V
C407	1-124-499-11	ELECT	1MF	20%	50V
C408	1-136-153-00	FILM	0.01MF	5%	50V
C409	1-124-477-11	ELECT	47MF	20%	16V
C411	1-124-927-11	ELECT	4.7MF	20%	50V
C901	1-124-927-11	ELECT	4.7MF	20%	50V
C902	1-123-875-11	ELECT	10MF	20%	50V
C903	1-124-927-11	ELECT	4.7MF	20%	50V
C1001	1-124-925-11	ELECT	2.2MF	20%	50V
C1002	1-162-282-31	CERAMIC	100PF	10%	50V
C1003	1-162-219-31	CERAMIC	68PF	5%	50V
C1004	1-124-477-11	ELECT	47MF	20%	16V
C1005	1-130-480-00	MYLAR	0.0056MF	5%	50V
C1006	1-130-473-00	MYLAR	0.0015MF	5%	50V
C1007	1-124-464-11	ELECT	0.22MF	20%	50V
C1008	1-124-477-11	ELECT	47MF	20%	16V
C1009	1-124-925-11	ELECT	2.2MF	20%	50V
C1010	1-162-286-31	(WEST GERMANY)...CERAMIC	220PF	10%	50V
C1011	1-162-286-31	(WEST GERMANY)...CERAMIC	220PF	10%	50V
C1012	1-123-875-11	ELECT	10MF	20%	50V
C1013	1-162-282-31	CERAMIC	100PF	10%	50V
C1014	1-130-481-00	MYLAR	0.0068MF	5%	50V
C1015	1-162-282-31	CERAMIC	100PF	10%	50V
C1016	1-136-163-00	FILM	0.068MF	5%	50V
C1017	1-124-925-11	ELECT	2.2MF	20%	50V
C1018	1-124-902-00	ELECT	0.47MF	20%	50V
C1019	1-124-477-11	ELECT	47MF	20%	16V
C1020	1-162-286-31	(WEST GERMANY)...CERAMIC	220PF	10%	50V
C1021	1-162-286-31	(WEST GERMANY)...CERAMIC	220PF	10%	50V
C1022	1-124-925-11	ELECT	2.2MF	20%	50V
C1023	1-161-494-00	CERAMIC	0.022MF		25V
C1024	1-124-556-11	ELECT	2200MF	20%	16V
C1025	1-124-908-11	ELECT	22MF	20%	50V
C1026	1-162-294-31	(WEST GERMANY)...CERAMIC	0.001MF	10%	50V
C1040	1-162-282-31	CERAMIC	100PF	10%	50V
C1042	1-130-480-00	MYLAR	0.0056MF	5%	50V
C1051	1-124-925-11	ELECT	2.2MF	20%	50V
C1052	1-162-282-31	CERAMIC	100PF	10%	50V
C1053	1-162-219-31	CERAMIC	68PF	5%	50V
C1054	1-124-477-11	ELECT	47MF	20%	16V
C1055	1-130-480-00	MYLAR	0.0056MF	5%	50V
C1056	1-130-473-00	MYLAR	0.0015MF	5%	50V
C1057	1-124-464-11	ELECT	0.22MF	20%	50V
C1058	1-124-477-11	ELECT	47MF	20%	16V
C1059	1-124-925-11	ELECT	2.2MF	20%	50V
C1060	1-162-286-31	(WEST GERMANY)...CERAMIC	220PF	10%	50V
C1061	1-162-286-31	(WEST GERMANY)...CERAMIC	220PF	10%	50V
C1062	1-123-875-11	ELECT	10MF	20%	50V
C1063	1-162-282-31	CERAMIC	100PF	10%	50V
C1064	1-130-481-00	MYLAR	0.0068MF	5%	50V
C1065	1-162-282-31	CERAMIC	100PF	10%	50V
C1066	1-136-163-00	FILM	0.068MF	5%	50V
C1067	1-124-925-11	ELECT	2.2MF	20%	50V
C1068	1-124-902-00	ELECT	0.47MF	20%	50V
C1069	1-124-477-11	ELECT	47MF	20%	16V
C1070	1-162-286-31	(WEST GERMANY)...CERAMIC	220PF	10%	50V

Ref.No.	Part No.	Description			
C1071	1-162-286-31	(WEST GERMANY)...CERAMIC	220PF	10%	50V
C1072	1-124-925-11	ELECT	2.2MF	20%	50V
C1090	1-162-282-31	CERAMIC	100PF	10%	50V
C1101	1-123-875-11	ELECT	10MF	20%	50V
C1102	1-162-219-31	CERAMIC	68PF	5%	50V
C1103	1-162-219-31	CERAMIC	68PF	5%	50V
C1104	1-123-875-11	ELECT	10MF	20%	50V
C1105	1-124-464-11	ELECT	0.22MF	20%	50V
C1106	1-124-902-00	ELECT	0.47MF	20%	50V
C1107	1-130-480-00	MYLAR	0.0056MF	5%	50V
C1108	1-124-477-11	ELECT	47MF	20%	16V
C1109	1-124-254-00	ELECT	0.68MF	20%	50V
C1110	1-136-160-00	FILM	0.039MF	5%	50V
C1111	1-124-464-11	ELECT	0.22MF	20%	50V
C1112	1-136-154-00	FILM	0.012MF	5%	50V
C1113	1-136-163-00	FILM	0.068MF	5%	50V
C1114	1-130-478-00	MYLAR	0.0039MF	5%	50V
C1115	1-136-157-00	FILM	0.022MF	5%	50V
C1116	1-130-472-00	MYLAR	0.0012MF	5%	50V
C1117	1-161-329-00	CERAMIC	0.0068MF	30%	16V
C1118	1-162-289-31	CERAMIC	390PF	10%	50V
C1119	1-162-282-31	CERAMIC	100PF	10%	50V
C1120	1-123-875-11	ELECT	10MF	20%	50V
C1121	1-123-875-11	ELECT	10MF	20%	50V
C1122	1-123-875-11	ELECT	10MF	20%	50V
C1125	1-162-282-31	CERAMIC	100PF	10%	50V
C1151	1-123-875-11	ELECT	10MF	20%	50V
C1152	1-162-219-31	CERAMIC	68PF	5%	50V
C1153	1-162-219-31	CERAMIC	68PF	5%	50V
C1154	1-123-875-11	ELECT	10MF	20%	50V
C1155	1-124-464-11	ELECT	0.22MF	20%	50V
C1156	1-124-902-00	ELECT	0.47MF	20%	50V
C1157	1-130-480-00	MYLAR	0.0056MF	5%	50V
C1158	1-124-477-11	ELECT	47MF	20%	16V
C1159	1-124-254-00	ELECT	0.68MF	20%	50V
C1160	1-136-160-00	FILM	0.039MF	5%	50V
C1161	1-124-464-11	ELECT	0.22MF	20%	50V
C1162	1-136-154-00	FILM	0.012MF	5%	50V
C1163	1-136-163-00	FILM	0.068MF	5%	50V
C1164	1-130-478-00	MYLAR	0.0039MF	5%	50V
C1165	1-136-157-00	FILM	0.022MF	5%	50V
C1166	1-130-472-00	MYLAR	0.0012MF	5%	50V
C1167	1-161-329-00	CERAMIC	0.0068MF	30%	16V
C1168	1-162-289-31	CERAMIC	390PF	10%	50V
C1169	1-162-282-31	CERAMIC	100PF	10%	50V
C1170	1-123-875-11	ELECT	10MF	20%	50V
C1175	1-162-282-31	CERAMIC	100PF	10%	50V
C1201	1-124-925-11	ELECT	2.2MF	20%	50V
C1202	1-162-282-31	CERAMIC	100PF	10%	50V
C1203	1-124-464-11	ELECT	0.22MF	20%	50V
C1204	1-124-908-11	ELECT	22MF	20%	25V
C1205	1-161-327-00	CERAMIC	0.0033MF	30%	16V
C1206	1-124-477-11	ELECT	47MF	20%	16V
C1207	1-136-165-00	FILM	0.1MF	5%	50V
C1301	1-162-286-31	CERAMIC	220PF	10%	50V
C1302	1-123-875-11	ELECT	10MF	20%	50V
C1304	1-162-286-31	CERAMIC	220PF	10%	50V

Ref.No.	Part No.	Description
C1305	1-124-444-00	ELECT 220MF 20% 6.3V
C1306	1-124-910-11	ELECT 47MF 20% 50V
C1307	1-124-122-11	ELECT 100MF 20% 50V
C1308	1-136-165-00	FILM 0.1MF 5% 50V
C1309	1-124-908-11	ELECT 22MF 20% 50V
C1310	1-136-163-00	FILM 0.068MF 5% 50V
C1311	1-136-163-00	FILM 0.068MF 5% 50V
C1312	1-124-444-00	ELECT 220MF 20% 6.3V
C1313	1-124-444-00	ELECT 220MF 20% 6.3V
C1314	1-123-875-11	ELECT 10MF 20% 50V
C1315	1-126-101-11	ELECT 100MF 20% 16V
C1316	1-136-163-00	(WEST GERMANY)...FILM 0.068MF 5% 50V
C1317	1-136-163-00	(WEST GERMANY)...FILM 0.068MF 5% 50V
C1318	1-161-379-00	(WEST GERMANY)...CERAMIC 0.01MF 20% 25V
C1319	1-161-377-00	(WEST GERMANY)...CERAMIC 0.0047MF 20% 50V
C1320	1-161-377-00	(WEST GERMANY)...CERAMIC 0.0047MF 20% 50V
C1351	1-162-286-31	CERAMIC 220PF 10% 50V
C1352	1-123-875-11	ELECT 10MF 20% 50V
C1354	1-162-286-31	CERAMIC 220PF 10% 50V
C1355	1-124-444-00	ELECT 220MF 20% 6.3V
C1356	1-124-910-11	ELECT 47MF 20% 50V
C1357	1-124-122-11	ELECT 100MF 20% 50V
C1358	1-136-165-00	FILM 0.1MF 5% 50V
C1360	1-136-163-00	FILM 0.068MF 5% 50V
C1361	1-136-163-00	FILM 0.068MF 5% 50V
C1366	1-136-163-00	(WEST GERMANY)...FILM 0.068MF 5% 50V
C1367	1-136-163-00	(WEST GERMANY)...FILM 0.068MF 5% 50V
C1368	1-161-379-00	(WEST GERMANY)...CERAMIC 0.01MF 20% 25V
C1401	1-161-744-00	CERAMIC 0.01MF 400V
C1402	1-102-355-00	CERAMIC 0.01MF 250V
C1403	1-102-355-00	CERAMIC 0.01MF 250V
C1406	1-126-224-11	ELECT 4700MF 20% 42V
C1407	1-126-224-11	ELECT 4700MF 20% 42V
C1408	1-124-563-11	ELECT 2200MF 20% 25V
C1409	1-124-563-11	ELECT 2200MF 20% 25V
C1410	1-126-101-11	ELECT 100MF 20% 16V
C1411	1-126-101-11	ELECT 100MF 20% 16V
C1412	1-126-103-11	ELECT 470MF 20% 16V
C1413	1-126-103-11	ELECT 470MF 20% 16V
C1415	1-124-556-11	ELECT 2200MF 20% 16V
C1416	1-124-908-11	ELECT 22MF 20% 50V
C1417	1-124-925-11	ELECT 2.2MF 20% 50V
C1418	1-126-103-11	ELECT 470MF 20% 16V
C1419	1-124-912-11	ELECT 330MF 20% 50V
C1421	1-124-122-11	ELECT 100MF 20% 50V
C1423	1-124-908-11	ELECT 22MF 20% 50V
C2001	1-162-294-31	CERAMIC 0.001MF 10% 50V
C2002	1-124-477-11	ELECT 47MF 20% 16V
C2003	1-161-494-00	CERAMIC 0.022MF 25V
C2004	1-102-963-00	CERAMIC 33PF 5% 50V
C2005	1-102-963-00	CERAMIC 33PF 5% 50V
C2006	1-124-925-11	ELECT 2.2MF 20% 50V
C2007	1-124-927-11	ELECT 4.7MF 20% 50V
CF2001	1-567-738-11	VIBRATOR, CERAMIC
CN301	*1-562-370-00	CONNECTOR, BOARD TO BOARD 18P
CN302	*1-564-336-51	PIN, CONNECTOR 2P
CN401	*1-564-337-51	PIN, CONNECTOR 3P



Ref.No.	Part No.	Description
CN402	*1-564-337-61	PIN, CONNECTOR 3P
CN403	*1-564-342-51	PIN, CONNECTOR 8P
CN404	*1-564-342-61	PIN, CONNECTOR 8P
CN405	*1-564-666-11	PIN, CONNECTOR 10P
CN407	*1-506-503-11	PIN, CONNECTOR 9P
CN408	*1-564-505-11	PLUG, CONNECTOR 2P
CN1001	1-507-788-00	JACK, PIN 4P
CN1002	1-507-788-00	JACK, PIN 4P
CN1201	1-565-117-11	JACK, LARGE TYPE (MIC)
CN1301	1-566-836-11	JACK, LARGE TYPE 1P (HEADPHONES)
CN1302	1-507-807-00	(AEP, WEST GERMANY)...JACK, PIN 2P (SURROUND SPEAKER)
CN1401	*1-566-210-11	(UK)...PIN, CONNECTOR 3P (SYSTEM CONTROL 3)
△CN1402.1	1-526-751-00	(UK).....OUTLET, AC
△CN1402.1	1-526-794-11	(AEP, WEST GERMANY)...OUTLET, AC
△CN1403.1	1-526-794-11	(AEP, WEST GERMANY)...OUTLET, AC
CN1404	1-566-857-11	SOCKET, CONNECTOR 7P (SYSTEM CONTROL 2 TUNER)
CN1405	1-559-831-11	CORD (WITH CONNECTOR) 5P (SYSTEM CONTROL 1)
CNP12-A	*1-564-337-51	PIN, CONNECTOR 3P
CNP12-B	*1-564-337-61	PIN, CONNECTOR 3P
CNP13-A	*1-564-707-11	PIN, CONNECTOR (SMALL TYPE) 5P
CNP13-B	*1-564-707-11	PIN, CONNECTOR (SMALL TYPE) 5P
CNP81-A	*1-564-706-11	PIN, CONNECTOR (SMALL TYPE) 4P
CNP81-B	*1-564-709-11	PIN, CONNECTOR (SMALL TYPE) 7P
CNP82-A	*1-564-339-51	PIN, CONNECTOR 5P
CNP82-B	*1-564-339-61	PIN, CONNECTOR 5P
CNP83-B	*1-564-340-61	PIN, CONNECTOR 6P
CP401	1-233-120-11	COMPOSITION CIRCUIT BLOCK
CP402	1-233-119-11	COMPOSITION CIRCUIT BLOCK
D11-A	8-719-940-76	DIODE 1SS132
D11-B	8-719-940-76	DIODE 1SS132
D81-B	8-719-940-76	DIODE 1SS132
D301	8-719-933-41	DIODE HZS6C3L
D302	8-719-933-41	DIODE HZS6C3L
D303	8-719-933-41	DIODE HZS6C3L
D401	8-719-933-50	DIODE HZS7C2L
D402	8-719-933-50	DIODE HZS7C2L
D403	8-719-200-77	DIODE 10E2N
D404	8-719-200-77	DIODE 10E2N
D405	1-806-937-11	DIODE GMA-01
D406	1-806-937-11	DIODE GMA-01
D407	1-806-937-11	DIODE GMA-01
D408	1-806-937-11	DIODE GMA-01
D501	1-807-689-11	DIODE SLP9070
D502	1-807-689-11	DIODE SLP9070
D503	8-719-969-90	DIODE SLP3070K
D504	8-719-969-90	DIODE SLP3070K
D505	8-719-969-90	DIODE SLP3070K
D506	1-807-689-31	DIODE SLP4070
D507	1-807-689-11	DIODE SLP9070

Note: The components identified by mark  $\Delta$  or dotted line with mark  $\Delta$  are critical for safety. Replace only with part number specified.

# DXA-D50



Ref.No.	Part No.	Description
D508	8-719-969-90	DIODE SLP3070K
D509	8-719-969-90	DIODE SLP3070K
D510	8-719-969-90	DIODE SLP3070K
D901	1-806-937-11	DIODE GMA-01
D902	1-806-937-11	DIODE GMA-01
D903	8-719-301-60	DIODE SEL2910A-C
D904	8-719-301-60	DIODE SEL2910A-C
D905	8-719-301-60	DIODE SEL2910A-C
D906	8-719-301-60	DIODE SEL2910A-C
D907	8-719-301-60	DIODE SEL2910A-C
D908	8-719-301-60	DIODE SEL2910A-C
D909	8-719-301-60	DIODE SEL2910A-C
D910	8-719-301-60	DIODE SEL2910A-C
D911	8-719-301-60	DIODE SEL2910A-C
D1001	1-806-937-11	DIODE GMA-01
D1002	1-806-937-11	DIODE GMA-01
D1003	1-806-937-11	DIODE GMA-01
D1004	8-719-933-54	DIODE HZS9A2L
D1101	1-806-937-11	DIODE GMA-01
D1102	1-806-937-11	DIODE GMA-01
D1151	1-806-937-11	DIODE GMA-01
D1152	1-806-937-11	DIODE GMA-01
D1301	1-806-937-11	DIODE GMA-01
D1302	1-806-937-11	DIODE GMA-01
D1303	8-719-200-77	DIODE 10E2N
D1304	1-806-937-11	DIODE GMA-01
D1305	1-806-937-11	DIODE GMA-01
D1351	1-806-937-11	DIODE GMA-01
D1401	8-719-302-38	DIODE RBY-602-01
D1402	8-719-200-77	DIODE 10E2N
D1403	8-719-200-77	DIODE 10E2N
D1404	8-719-200-77	DIODE 10E2N
D1405	8-719-200-77	DIODE 10E2N
D1406	8-719-200-77	DIODE 10E2N
D1407	8-719-200-77	DIODE 10E2N
D1408	8-719-200-77	DIODE 10E2N
D1414	8-719-200-77	DIODE 10E2N
D1418	8-719-934-16	DIODE HZS27L
D1419	8-719-160-23	DIODE RD5.1F-B2
D1420	8-719-933-70	DIODE HZS11C2L
D1421	8-719-933-70	DIODE HZS11C2L
D1423	8-719-942-33	DIODE HZ3CCLL
D2001	1-807-689-11	DIODE SLP9070
D2002	1-807-689-11	DIODE SLP9070
D2003	8-719-969-90	DIODE SLP3070K
D2004	8-719-969-90	DIODE SLP3070K
D2005	8-719-969-90	DIODE SLP3070K
D2006	8-719-969-90	DIODE SLP3070K
D2007	8-719-969-90	DIODE SLP3070K
F1401A	1-532-259-00	FUSE, TIME-LAG (T1.6A)
F1402A	1-532-203-00	FUSE, TIME-LAG (T2A)
F1403A	1-532-203-00	FUSE, TIME-LAG (T2A)
F1404A	1-532-259-00	(AEP, West Germany). FUSE, TIME-LAG (T1.6A)
IC81-A	8-759-111-44	IC UPC4570C-1
IC81-B	8-759-111-44	IC UPC4570C-1

Ref.No.	Part No.	Description
IC301	8-752-031-67	IC CXA1100P
IC302	8-752-032-60	IC CXA1198P
IC303	8-759-240-52	IC TC4052BP
IC304	8-759-601-41	IC M4053BP
IC401	8-752-803-72	IC CXP5048H-115S
IC402	8-759-240-52	IC TC4052BP
IC901	8-759-917-42	IC IR2E31A
IC1001	8-759-820-38	IC LA6458D
IC1002	8-759-800-37	IC LC4066BH
IC1003	8-759-802-52	IC LC7818
IC1004	1-807-943-11	IC LA6458S
IC1101	8-759-820-38	IC LA6458D
IC1102	8-759-602-04	IC M5226P
IC1152	8-759-602-04	IC M5226P
IC1301	8-749-941-52	IC STK41521I
IC1302	8-759-111-68	IC UPC1237HA
IC1401	8-759-604-33	IC M5F7812
IC2001	8-759-820-01	IC LC6527C-3438
IC2002	8-749-920-03	IC GP1U52
L41-B	1-410-780-11	INDUCTOR 27MMH
L61-B	1-410-780-11	INDUCTOR 27MMH
L301	1-408-080-00	INDUCTOR 100UH
L1301	*1-420-872-00	COIL, AIR CORE 1.9UH
L1351	*1-420-872-00	COIL, AIR CORE 1.9UH
LPF101	1-236-087-11	FILTER, LOW PASS
LPF201	1-236-087-11	FILTER, LOW PASS
M1	X-3343-408-1	MOTOR ASSY
M2	X-3343-408-1	MOTOR ASSY
PM1	1-454-456-11	PLUNGER
PM2	1-454-456-11	SOLENOID, PLUNGER
Q11-A	8-729-900-65	TRANSISTOR DTA144ES
Q11-B	8-729-900-65	TRANSISTOR DTA144ES
Q12-A	8-719-939-11	TRANSISTOR GP2S09-B
Q12-B	8-719-939-11	TRANSISTOR GP2S09-B
Q81-B	8-729-802-34	TRANSISTOR 2SD1387
Q82-B	8-729-600-27	TRANSISTOR 2SC634SP
Q83-B	8-729-600-27	TRANSISTOR 2SC634SP
Q101	8-729-806-38	TRANSISTOR 2SC3399
Q103	8-729-806-26	TRANSISTOR 2SC3901
Q104	8-729-806-26	TRANSISTOR 2SC3901
Q201	8-729-806-38	TRANSISTOR 2SC3399
Q203	8-729-806-26	TRANSISTOR 2SC3901
Q204	8-729-806-26	TRANSISTOR 2SC3901
Q301	8-729-806-38	TRANSISTOR 2SC3399
Q302	8-729-806-20	TRANSISTOR 2SA1345
Q401	9-986-159-01	TRANSISTOR 2SA1348
Q402	8-729-801-93	TRANSISTOR 2SD1387
Q403	8-729-801-83	TRANSISTOR 2SB1013
Q404	8-729-801-83	TRANSISTOR 2SB1013
Q405	8-729-806-26	TRANSISTOR 2SC3901
Q406	8-729-801-83	TRANSISTOR 2SB1013
Q407	8-729-801-83	TRANSISTOR 2SB1013
Q408	8-729-806-26	TRANSISTOR 2SC3901
Q411	9-986-159-01	TRANSISTOR 2SA1348
Q412	8-729-806-20	TRANSISTOR 2SA1345

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Ref.No.	Part No.	Description			
Q413	8-729-806-20	TRANSISTOR 2SA1345			
Q414	9-986-159-01	TRANSISTOR 2SA1348			
Q415	9-986-159-01	TRANSISTOR 2SA1348			
Q1001	8-729-107-98	TRANSISTOR 2SC3622A-L			
Q1002	8-729-806-34	TRANSISTOR 2SC3400			
Q1003	8-729-806-16	TRANSISTOR 2SA1346			
Q1004	8-729-820-10	TRANSISTOR 2SA1317-SU			
Q1005	8-729-806-28	TRANSISTOR 2SC3402			
Q1006	8-729-178-55	TRANSISTOR 2SC2785-E			
Q1051	8-729-107-98	TRANSISTOR 2SC3622A-L			
Q1101	8-729-224-63	TRANSISTOR 2SK246-BL			
Q1102	8-729-178-55	TRANSISTOR 2SC2785-E			
Q1103	9-986-159-01	TRANSISTOR 2SA1348			
Q1104	8-729-801-83	TRANSISTOR 2SB1013			
Q1105	8-729-801-93	TRANSISTOR 2SD1387			
Q1151	8-729-224-63	TRANSISTOR 2SK246-BL			
Q1152	8-729-178-55	TRANSISTOR 2SC2785-E			
Q1201	8-729-178-55	TRANSISTOR 2SC2785-E			
Q1301	8-729-108-06	TRANSISTOR 2SC1841			
Q1303	8-729-806-16	TRANSISTOR 2SA1346			
Q1351	8-729-108-06	TRANSISTOR 2SC1841			
Q1401	8-729-804-17	TRANSISTOR 2SD1666			
Q1402	8-729-178-55	TRANSISTOR 2SC2785-E			
Q1403	8-729-804-67	TRANSISTOR 2SB1133-R			
Q1404	8-729-820-10	TRANSISTOR 2SA1317-SU			
Q1407	8-729-804-17	TRANSISTOR 2SD1666-R			
Q1408	8-729-178-55	TRANSISTOR 2SC2785-E			
Q1409	8-729-178-55	TRANSISTOR 2SC2785-E			
Q1410	8-729-804-67	TRANSISTOR 2SB1133-R			
Q2001	8-729-178-55	TRANSISTOR 2SC2785-E			
Q2009	8-729-178-55	TRANSISTOR 2SC2785-E			
Q2010	8-729-178-55	TRANSISTOR 2SC2785-E			
R11-B	1-215-424-00	CARBON	1.3K	5%	1/4W
R12-B	1-249-414-11	CARBON	560	5%	1/4W
R13-B	1-215-408-00	CARBON	300	5%	1/4W
R14-A	1-249-408-11	CARBON	180	5%	1/4W
R14-B	1-249-408-11	CARBON	180	5%	1/4W
R17-A	1-249-437-11	CARBON	47K	5%	1/4W
R17-B	1-249-437-11	CARBON	47K	5%	1/4W
R18-A	1-249-437-11	CARBON	47K	5%	1/4W
R18-B	1-249-437-11	CARBON	47K	5%	1/4W
R41-A	1-247-881-00	CARBON	120K	5%	1/4W
R41-B	1-247-881-00	CARBON	120K	5%	1/4W
R42-A	1-249-405-11	CARBON	100	5%	1/4W
R42-B	1-249-405-11	CARBON	100	5%	1/4W
R43-A	1-215-472-00	CARBON	130K	5%	1/4W
R43-B	1-215-472-00	CARBON	130K	5%	1/4W
R44-A	1-249-426-11	CARBON	5.6K	5%	1/4W
R44-B	1-249-426-11	CARBON	5.6K	5%	1/4W
R45-B	1-249-430-11	CARBON	12K	5%	1/4W

Ref.No.	Part No.	Description			
R61-A	1-247-881-00	CARBON	120K	5%	1/4W
R61-B	1-247-881-00	CARBON	120K	5%	1/4W
R62-A	1-249-405-11	CARBON	100	5%	1/4W
R62-B	1-249-405-11	CARBON	100	5%	1/4W
R63-A	1-215-472-00	CARBON	130K	5%	1/4W
R63-B	1-215-472-00	CARBON	130K	5%	1/4W
R64-A	1-249-426-11	CARBON	5.6K	5%	1/4W
R64-B	1-249-426-11	CARBON	5.6K	5%	1/4W
R65-B	1-249-430-11	CARBON	12K	5%	1/4W
R81-A	1-249-409-11	CARBON	220	5%	1/4W
R81-B	1-249-409-11	CARBON	220	5%	1/4W
R82-A	1-249-409-11	CARBON	220	5%	1/4W
R82-B	1-249-409-11	CARBON	220	5%	1/4W
R83-B	1-249-429-11	CARBON	10K	5%	1/4W
R84-B	1-212-853-00	FUSIBLE	6.8	5%	1/4W F
R85-B	1-249-434-11	CARBON	27K	5%	1/4W
R86-B	1-249-434-11	CARBON	27K	5%	1/4W
R101	1-249-420-11	CARBON	1.8K	5%	1/4W
R102	1-249-422-11	CARBON	2.7K	5%	1/4W
R103	1-249-441-11	CARBON	100K	5%	1/4W
R106	1-215-462-00	CARBON	51K	5%	1/4W
R107	1-249-423-11	CARBON	3.3K	5%	1/4W
R109	1-249-428-11	CARBON	8.2K	5%	1/4W
R110	1-249-417-11	CARBON	1K	5%	1/4W
R112	1-215-434-00	CARBON	3.6K	5%	1/4W
R113	1-249-429-11	CARBON	10K	5%	1/4W
R114	1-249-426-11	CARBON	5.6K	5%	1/4W
R115	1-249-425-11	CARBON	4.7K	5%	1/4W
R201	1-249-420-11	CARBON	1.8K	5%	1/4W
R202	1-249-422-11	CARBON	2.7K	5%	1/4W
R203	1-249-441-11	CARBON	100K	5%	1/4W
R206	1-215-462-00	CARBON	51K	5%	1/4W
R207	1-249-423-11	CARBON	3.3K	5%	1/4W
R209	1-249-428-11	CARBON	8.2K	5%	1/4W
R210	1-249-417-11	CARBON	1K	5%	1/4W
R212	1-215-434-00	CARBON	3.6K	5%	1/4W
R213	1-249-429-11	CARBON	10K	5%	1/4W
R214	1-249-426-11	CARBON	5.6K	5%	1/4W
R215	1-249-425-11	CARBON	4.7K	5%	1/4W
R301	1-249-437-11	CARBON	47K	5%	1/4W
R302	1-215-460-00	METAL	43K	1%	1/6W
R303	1-249-437-11	CARBON	47K	5%	1/4W
R304	1-249-437-11	CARBON	47K	5%	1/4W
R305	1-247-704-11	CARBON	220	5%	1/4W
R306	1-247-707-11	CARBON	390	5%	1/4W
R307	1-249-429-11	CARBON	10K	5%	1/4W
R308	1-249-437-11	CARBON	47K	5%	1/4W
R309	1-215-430-00	CARBON	2.4K	5%	1/4W
R310	1-215-434-00	CARBON	3.6K	5%	1/4W
R311	1-215-454-00	CARBON	24K	5%	1/4W
R312	1-249-417-11	CARBON	1K	5%	1/4W
R314	1-247-742-11	CARBON	180	5%	1/2W
R315	1-247-742-11	CARBON	180	5%	1/2W

Note: The components identified by mark  or dotted line with mark  are critical for safety. Replace only with part number specified.





Ref.No.	Part No.	Description			
R351	1-215-462-00	CARBON	51K	5%	1/4W
R352	1-215-468-00	CARBON	91K	5%	1/4W
R353	1-249-435-11	CARBON	33K	5%	1/4W
R354	1-215-468-00	CARBON	91K	5%	1/4W
R355	1-247-881-00	CARBON	120K	5%	1/4W
R356	1-249-437-11	CARBON	47K	5%	1/4W
R357	1-215-452-00	CARBON	20K	5%	1/4W
R358	1-215-470-00	CARBON	110K	5%	1/4W
R359	1-249-436-11	CARBON	39K	5%	1/4W
R360	1-215-466-00	CARBON	75K	5%	1/4W
R361	1-215-458-00	CARBON	36K	5%	1/4W
R362	1-215-468-00	CARBON	91K	5%	1/4W
R363	1-249-440-11	CARBON	82K	5%	1/4W
R364	1-215-474-00	CARBON	160K	5%	1/4W
R365	1-249-437-11	CARBON	47K	5%	1/4W
R366	1-215-468-00	CARBON	91K	5%	1/4W
R367	1-247-881-00	CARBON	120K	5%	1/4W
R368	1-215-466-00	CARBON	75K	5%	1/4W
R369	1-249-436-11	CARBON	39K	5%	1/4W
R370	1-215-476-00	CARBON	200K	5%	1/4W
R371	1-215-462-00	CARBON	51K	5%	1/4W
R372	1-215-466-00	CARBON	75K	5%	1/4W
R373	1-215-458-00	CARBON	36K	5%	1/4W
R374	1-249-440-11	CARBON	82K	5%	1/4W
R375	1-249-439-11	CARBON	68K	5%	1/4W
R401	1-249-417-11	CARBON	1K	5%	1/4W
R402	1-249-417-11	CARBON	1K	5%	1/4W
R403	1-249-425-11	CARBON	4.7K	5%	1/4W
R404	1-249-417-11	CARBON	1K	5%	1/4W
R405	1-249-425-11	CARBON	4.7K	5%	1/4W
R406	1-249-421-11	CARBON	2.2K	5%	1/4W
R407	1-249-425-11	CARBON	4.7K	5%	1/4W
R408	1-247-887-00	CARBON	220K	5%	1/4W
R409	1-249-438-11	CARBON	56K	5%	1/4W
R410	1-249-417-11	CARBON	1K	5%	1/4W
R411	1-249-425-11	CARBON	4.7K	5%	1/4W
R412	1-249-421-11	CARBON	2.2K	5%	1/4W
R413	1-249-425-11	CARBON	4.7K	5%	1/4W
R414	1-247-887-00	CARBON	220K	5%	1/4W
R415	1-249-438-11	CARBON	56K	5%	1/4W
R416	1-249-433-11	CARBON	22K	5%	1/4W
R417	1-249-425-11	CARBON	4.7K	5%	1/4W
R418	1-249-425-11	CARBON	4.7K	5%	1/4W
R420	1-249-437-11	CARBON	47K	5%	1/4W
R421	1-249-437-11	CARBON	47K	5%	1/4W
R422	1-249-433-11	CARBON	22K	5%	1/4W
R430	1-249-411-11	CARBON	330	5%	1/4W
R431	1-249-411-11	CARBON	330	5%	1/4W
R432	1-249-407-11	CARBON	150	5%	1/4W
R433	1-249-407-11	CARBON	150	5%	1/4W
R434	1-249-407-11	CARBON	150	5%	1/4W
R435	1-249-407-11	CARBON	150	5%	1/4W
R436	1-249-410-11	CARBON	270	5%	1/4W
R437	1-249-407-11	CARBON	150	5%	1/4W
R438	1-249-407-11	CARBON	150	5%	1/4W
R439	1-249-407-11	CARBON	150	5%	1/4W
R440	1-249-437-11	CARBON	47K	5%	1/4W

Ref.No.	Part No.	Description			
R442	1-249-425-11	CARBON	4.7K	5%	1/4W
R443	1-249-417-11	CARBON	1K	5%	1/4W
R444	1-249-417-11	CARBON	1K	5%	1/4W
R445	1-249-417-11	CARBON	1K	5%	1/4W
R446	1-249-417-11	CARBON	1K	5%	1/4W
R447	1-249-433-11	CARBON	22K	5%	1/4W
R448	1-249-421-11	CARBON	2.2K	5%	1/4W
R451	1-249-417-11	CARBON	1K	5%	1/4W
R452	1-249-417-11	CARBON	1K	5%	1/4W
R453	1-249-417-11	CARBON	1K	5%	1/4W
R501	1-215-432-00	CARBON	3K	5%	1/4W
R503	1-249-420-11	CARBON	1.8K	5%	1/4W
R504	1-249-418-11	CARBON	1.2K	5%	1/4W
R505	1-249-420-11	CARBON	1.8K	5%	1/4W
R506	1-249-418-11	CARBON	1.2K	5%	1/4W
R507	1-249-423-11	CARBON	3.3K	5%	1/4W
R508	1-249-420-11	CARBON	1.8K	5%	1/4W
R509	1-249-418-11	CARBON	1.2K	5%	1/4W
R511	1-249-423-11	CARBON	3.3K	5%	1/4W
R512	1-249-420-11	CARBON	1.8K	5%	1/4W
R513	1-249-418-11	CARBON	1.2K	5%	1/4W
R514	1-249-420-11	CARBON	1.8K	5%	1/4W
R515	1-249-418-11	CARBON	1.2K	5%	1/4W
R901	1-249-429-11	CARBON	10K	5%	1/4W
R902	1-249-435-11	CARBON	33K	5%	1/4W
R903	1-249-441-11	CARBON	100K	5%	1/4W
R904	1-249-413-11	CARBON	470	5%	1/4W
R905	1-249-429-11	CARBON	10K	5%	1/4W
R906	1-247-749-11	CARBON	560	5%	1/2W
R951	1-249-429-11	CARBON	10K	5%	1/4W
R1001	1-249-441-11	CARBON	100K	5%	1/4W
R1002	1-249-417-11	CARBON	1K	5%	1/4W
R1003	1-249-441-11	CARBON	100K	5%	1/4W
R1004	1-249-416-11	CARBON	820	5%	1/4W
R1005	1-215-487-00	CARBON	560K	5%	1/4W
R1006	1-249-437-11	CARBON	47K	5%	1/4W
R1007	1-249-441-11	CARBON	100K	5%	1/4W
R1008	1-249-409-11	CARBON	220	5%	1/4W
R1009	1-249-409-11	CARBON	220	5%	1/4W
R1010	1-249-417-11	CARBON	1K	5%	1/4W
R1011	1-249-417-11	(WEST GERMANY)...CARBON	1K	5%	1/4W
R1012	1-215-493-00	CARBON	1M	5%	1/4W
R1013	1-249-413-11	CARBON	470	5%	1/4W
R1014	1-215-487-00	CARBON	560K	5%	1/4W
R1015	1-249-417-11	CARBON	1K	5%	1/4W
R1017	1-249-417-11	CARBON	1K	5%	1/4W
R1020	1-215-493-00	CARBON	1M	5%	1/4W
R1021	1-215-487-00	CARBON	560K	5%	1/4W
R1022	1-215-487-00	CARBON	560K	5%	1/4W
R1023	1-215-487-00	CARBON	560K	5%	1/4W
R1024	1-249-441-11	CARBON	100K	5%	1/4W
R1025	1-249-437-11	CARBON	47K	5%	1/4W
R1026	1-249-429-11	CARBON	10K	5%	1/4W
R1027	1-249-441-11	CARBON	100K	5%	1/4W
R1028	1-249-441-11	CARBON	100K	5%	1/4W
R1029	1-249-441-11	CARBON	100K	5%	1/4W
R1030	1-249-429-11	CARBON	10K	5%	1/4W

Ref.No.	Part No.	Description				
R1031	1-249-409-11	CARBON	220	5%	1/4W	
R1032	1-249-421-11	CARBON	2.2K	5%	1/4W	
R1033	1-249-433-11	CARBON	22K	5%	1/4W	
R1034	1-249-431-11	CARBON	15K	5%	1/4W	
R1040	1-249-433-11	CARBON	22K	5%	1/4W	
R1041	1-249-433-11	CARBON	22K	5%	1/4W	
R1042	1-249-433-11	CARBON	22K	5%	1/4W	
R1043	1-249-433-11	CARBON	22K	5%	1/4W	
R1044	1-215-491-00	CARBON	820K	5%	1/4W	
R1045	1-249-433-11	CARBON	22K	5%	1/4W	
R1046	1-249-425-11	CARBON	4.7K	5%	1/4W	
R1051	1-249-441-11	CARBON	100K	5%	1/4W	
R1052	1-249-417-11	CARBON	1K	5%	1/4W	
R1053	1-249-441-11	CARBON	100K	5%	1/4W	
R1054	1-249-416-11	CARBON	820	5%	1/4W	
R1055	1-215-487-00	CARBON	560K	5%	1/4W	
R1056	1-249-437-11	CARBON	47K	5%	1/4W	
R1057	1-249-441-11	CARBON	100K	5%	1/4W	
R1058	1-249-409-11	CARBON	220	5%	1/4W	
R1059	1-249-409-11	CARBON	220	5%	1/4W	
R1060	1-249-417-11	CARBON	1K	5%	1/4W	
R1061	1-249-417-11	(WEST GERMANY)...CARBON	1K	5%	1/4W	
R1062	1-215-493-00	CARBON	1M	5%	1/4W	
R1063	1-249-413-11	CARBON	470	5%	1/4W	
R1064	1-215-487-00	CARBON	560K	5%	1/4W	
R1065	1-249-417-11	CARBON	1K	5%	1/4W	
R1067	1-249-417-11	CARBON	1K	5%	1/4W	
R1070	1-215-493-00	CARBON	1M	5%	1/4W	
R1071	1-215-487-00	CARBON	560K	5%	1/4W	
R1072	1-215-487-00	CARBON	560K	5%	1/4W	
R1073	1-215-487-00	CARBON	560K	5%	1/4W	
R1074	1-249-441-11	CARBON	100K	5%	1/4W	
R1075	1-249-437-11	CARBON	47K	5%	1/4W	
R1076	1-249-429-11	CARBON	10K	5%	1/4W	
R1077	1-249-441-11	CARBON	100K	5%	1/4W	
R1078	1-249-441-11	CARBON	100K	5%	1/4W	
R1079	1-249-441-11	CARBON	100K	5%	1/4W	
R1080	1-249-429-11	CARBON	10K	5%	1/4W	
R1081	1-249-409-11	CARBON	220	5%	1/4W	
R1082	1-249-421-11	CARBON	2.2K	5%	1/4W	
R1083	1-249-433-11	CARBON	22K	5%	1/4W	
R1090	1-249-429-11	CARBON	10K	5%	1/4W	
R1091	1-249-429-11	CARBON	10K	5%	1/4W	
R1092	1-249-441-11	CARBON	100K	5%	1/4W	
R1093	1-249-417-11	CARBON	1K	5%	1/4W	
R1094	1-249-433-11	CARBON	22K	5%	1/4W	
R1101	1-249-441-11	CARBON	100K	5%	1/4W	
R1102	1-249-417-11	CARBON	1K	5%	1/4W	
R1103	1-249-441-11	CARBON	100K	5%	1/4W	
R1104	1-249-425-11	CARBON	4.7K	5%	1/4W	
R1105	1-249-425-11	CARBON	4.7K	5%	1/4W	
R1106	1-249-441-11	CARBON	100K	5%	1/4W	
R1107	1-215-493-00	CARBON	1M	5%	1/4W	
R1108	1-249-428-11	CARBON	8.2K	5%	1/4W	
R1109	1-249-433-11	CARBON	22K	5%	1/4W	
R1110	1-249-422-11	CARBON	2.7K	5%	1/4W	
R1111	1-247-895-00	CARBON	470K	5%	1/4W	

Ref.No.	Part No.	Description				
R1112	1-249-427-11	CARBON	6.8K	5%	1/4W	
R1113	1-249-412-11	CARBON	390	5%	1/4W	
R1114	1-249-401-11	CARBON	47	5%	1/4W	
R1115	1-249-429-11	CARBON	10K	5%	1/4W	
R1118	1-249-425-11	(AEP, WEST GERMANY) ...CARBON	4.7K	5%	1/4W	
R1120	1-249-421-11	CARBON	2.2K	5%	1/4W	
R1121	1-249-433-11	CARBON	22K	5%	1/4W	
R1122	1-249-433-11	CARBON	22K	5%	1/4W	
R1123	1-247-732-11	CARBON	27	5%	1/2W	
R1124	1-247-732-11	CARBON	27	5%	1/2W	
R1125	1-249-425-11	CARBON	4.7K	5%	1/4W	
R1126	1-249-425-11	CARBON	4.7K	5%	1/4W	
R1127	1-247-727-11	CARBON	10	5%	1/2W	
R1128	1-247-727-11	CARBON	10	5%	1/2W	
R1151	1-249-441-11	CARBON	100K	5%	1/4W	
R1152	1-249-417-11	CARBON	1K	5%	1/4W	
R1153	1-249-441-11	CARBON	100K	5%	1/4W	
R1154	1-249-425-11	CARBON	4.7K	5%	1/4W	
R1155	1-249-425-11	CARBON	4.7K	5%	1/4W	
R1156	1-249-441-11	CARBON	100K	5%	1/4W	
R1157	1-215-493-00	CARBON	1M	5%	1/4W	
R1158	1-249-428-11	CARBON	8.2K	5%	1/4W	
R1159	1-249-433-11	CARBON	22K	5%	1/4W	
R1160	1-249-422-11	CARBON	2.7K	5%	1/4W	
R1161	1-247-895-00	CARBON	470K	5%	1/4W	
R1162	1-249-427-11	CARBON	6.8K	5%	1/4W	
R1163	1-249-412-11	CARBON	390	5%	1/4W	
R1164	1-249-401-11	CARBON	47	5%	1/4W	
R1170	1-249-421-11	CARBON	2.2K	5%	1/4W	
R1201	1-249-441-11	CARBON	100K	5%	1/4W	
R1202	1-249-441-11	CARBON	100K	5%	1/4W	
R1203	1-249-417-11	CARBON	1K	5%	1/4W	
R1204	1-249-426-11	CARBON	5.6K	5%	1/4W	
R1205	1-249-431-11	CARBON	15K	5%	1/4W	
R1206	1-249-441-11	CARBON	100K	5%	1/4W	
R1207	1-249-421-11	CARBON	2.2K	5%	1/4W	
R1208	1-249-417-11	CARBON	1K	5%	1/4W	
R1303	1-249-417-11	CARBON	1K	5%	1/4W	
R1304	1-249-438-11	CARBON	56K	5%	1/4W	
R1305	1-249-414-11	CARBON	560	5%	1/4W	
R1306	1-249-438-11	CARBON	56K	5%	1/4W	
R1307	1-247-756-11	CARBON	2.2K	5%	1/2W	
R1308	1-247-756-11	CARBON	2.2K	5%	1/2W	
R1309A	1-212-881-11	FUSIBLE	100	5%	1/4W	
R1310	1-247-752-11	CARBON	1K	5%	1/2W	
R1311	1-247-752-11	CARBON	1K	5%	1/2W	
R1312	1-249-417-11	CARBON	1K	5%	1/4W	
R1313	1-249-431-11	CARBON	15K	5%	1/4W	
R1314	1-217-156-00	METAL PLATE	0.22			
R1315	1-249-441-11	CARBON	100K	5%	1/4W	
R1316	1-247-727-11	CARBON	10	5%	1/2W	
R1317	1-247-727-11	CARBON	10	5%	1/2W	
R1318	1-249-438-11	CARBON	56K	5%	1/4W	
R1319	1-249-429-11	CARBON	10K	5%	1/4W	
R1320	1-249-441-11	CARBON	100K	5%	1/4W	
R1321	1-249-430-11	CARBON	12K	5%	1/4W	
R1322	1-249-437-11	CARBON	47K	5%	1/4W	

Note: The components identified by mark  or dotted line with mark  are critical for safety. Replace only with part number specified.



# DXA-D50

Ref.No.	Part No.	Description				
R1323	1-247-764-11	CARBON	10K	5%	1/2W	
R1324	1-215-890-11	METAL OXIDE	470	5%	2W	F
R1325	1-247-745-11	CARBON	330	5%	1/2W	
R1326	1-247-727-11	(WEST GERMANY)...CARBON	10	5%	1/2W	
R1353	1-249-417-11	CARBON	1K	5%	1/4W	
R1354	1-249-438-11	CARBON	56K	5%	1/4W	
R1355	1-249-414-11	CARBON	560	5%	1/4W	
R1356	1-249-438-11	CARBON	56K	5%	1/4W	
R1357	1-247-756-11	CARBON	2.2K	5%	1/2W	
R1358	1-247-756-11	CARBON	2.2K	5%	1/2W	
R1359	1-212-881-11	FUSIBLE	100	5%	1/4W	F
R1362	1-249-417-11	CARBON	1K	5%	1/4W	
R1363	1-249-431-11	CARBON	15K	5%	1/4W	
R1364	1-217-156-00	RES, METAL PLATE	0.22			
R1365	1-249-441-11	CARBON	100K	5%	1/4W	
R1366	1-247-727-11	CARBON	10	5%	1/2W	
R1367	1-247-727-11	CARBON	10	5%	1/2W	
R1368	1-249-437-11	CARBON	47K	5%	1/4W	
R1375	1-247-745-11	CARBON	330	5%	1/2W	
R1376	1-247-727-11	(WEST GERMANY)...CARBON	10	5%	1/2W	
R1401	1-249-418-11	CARBON	1.2K	5%	1/4W	
R1402	1-249-418-11	CARBON	1.2K	5%	1/4W	
R1403	1-249-428-11	CARBON	8.2K	5%	1/4W	
R1405	1-249-421-11	CARBON	2.2K	5%	1/4W	
R1406	1-249-421-11	CARBON	2.2K	5%	1/4W	
R1407	1-249-421-11	CARBON	2.2K	5%	1/4W	
R1408	1-249-411-11	CARBON	330	5%	1/4W	
R1409	1-249-419-11	CARBON	1.5K	5%	1/4W	
R1410	1-249-422-11	CARBON	2.7K	5%	1/4W	
R1412	1-249-426-11	CARBON	5.6K	5%	1/4W	
R1413	1-212-934-00	FUSIBLE	1	5%	1/2W	F
R1414	1-212-857-00	FUSIBLE	10	5%	1/4W	F
R2001	1-247-746-11	CARBON	390	5%	1/2W	
R2002	1-247-749-11	CARBON	560	5%	1/2W	
R2003	1-247-749-11	CARBON	560	5%	1/2W	
R2004	1-247-749-11	CARBON	560	5%	1/2W	
R2005	1-247-749-11	CARBON	560	5%	1/2W	
R2006	1-247-749-11	CARBON	560	5%	1/2W	
R2007	1-249-429-11	CARBON	10K	5%	1/4W	
R2010	1-249-417-11	CARBON	1K	5%	1/4W	
R2011	1-249-417-11	CARBON	1K	5%	1/4W	
R2022	1-249-425-11	CARBON	4.7K	5%	1/4W	
R2023	1-249-429-11	CARBON	10K	5%	1/4W	
R2024	1-249-441-11	CARBON	100K	5%	1/4W	
RV41-A	1-228-989-00	RES, ADJ, CARBON	470			
RV41-B	1-228-989-00	RES, ADJ, CARBON	470			
RV42-B	1-230-499-11	RES, ADJ, CARBON	100K			
RV61-A	1-228-989-00	RES, ADJ, CARBON	470			
RV61-B	1-228-989-00	RES, ADJ, CARBON	470			
RV62-B	1-230-499-11	RES, ADJ, CARBON	100K			

Ref.No.	Part No.	Description
RV101	1-228-994-00	RES, ADJ, CARBON 10K
RV201	1-228-994-00	RES, ADJ, CARBON 10K
RV1101	1-238-065-21	RES, VAR, SLIDE 250K/250K (100Hz)
RV1102	1-238-065-21	RES, VAR, SLIDE 250K/250K (330Hz)
RV1103	1-238-065-21	RES, VAR, SLIDE 250K/250K (1kHz)
RV1104	1-238-065-21	RES, VAR, SLIDE 250K/250K (3.3kHz)
RV1105	1-238-065-21	RES, VAR, SLIDE 250K/250K (10kHz)
RV1106	1-238-101-21	RES, VAR, SLIDE 100K (BALANCE)
RV1107	1-237-884-11	RES, VAR, CARBON 100K/100K (VOLUME)
RV1201	1-238-100-11	RES, VAR, CARBON 100K/100K (MIC LEVEL)
RY81-B	1-515-614-11	RELAY
RY1301	1-515-501-00	RELAY
S11-A	1-571-281-21	SWITCH, LEAF (HALF)
S11-B	1-571-281-21	SWITCH, LEAF (HALF)
S12-B	1-571-281-21	SWITCH, LEAF (REC (A))
S13-B	1-571-281-21	SWITCH, LEAF (REC (B))
S14-A	1-571-281-21	SWITCH, LEAF (CrO2)
S14-B	1-571-281-21	SWITCH, LEAF (CrO2)
S501	1-554-303-21	SWITCH, KEY BOARD (▷ (DECK A))
S502	1-554-303-21	SWITCH, KEY BOARD (◁ (DECK A))
S503	1-554-303-21	SWITCH, KEY BOARD (◀ (DECK A))
S504	1-554-303-21	SWITCH, KEY BOARD (▶▶ (DECK A))
S505	1-554-303-21	SWITCH, KEY BOARD (■ (DECK A))
S506	1-554-303-21	SWITCH, KEY BOARD (● REC MUTE)
S507	1-554-303-21	SWITCH, KEY BOARD (▷ (DECK B))
S508	1-554-303-21	SWITCH, KEY BOARD (◁ (DECK B))
S509	1-554-303-21	SWITCH, KEY BOARD (   PAUSE)
S511	1-554-303-21	SWITCH, KEY BOARD (REC)
S512	1-554-303-21	SWITCH, KEY BOARD (◀ (DECK B))
S513	1-554-303-21	SWITCH, KEY BOARD (▶▶ (DECK B))
S514	1-554-303-21	SWITCH, KEY BOARD (■ (DECK B))
S515	1-554-303-21	SWITCH, KEY BOARD (DUBBING HIGH SPEED (DECK B))
S516	1-554-303-21	SWITCH, KEY BOARD (DUBBING NORMAL SPEED (DECK B))
S517	1-570-837-11	SWITCH, SLIDE (DIRECTION)
S519	1-570-849-11	SWITCH, SLIDE (DOLBY NR)
S1101	1-571-292-11	SWITCH, PUSH (1 KEY) (DOL)
S1102	1-571-292-11	(AEP, WEST GERMANY)...SWITCH, PUSH (1 KEY) (SURROUND)
S1401	1-554-920-11	SWITCH, PUSH (AC POWER) (1 KEY)
S2001	1-554-303-21	SWITCH, KEY BOARD (WM)
S2002	1-554-303-21	SWITCH, KEY BOARD (PHONO)
S2003	1-554-303-21	SWITCH, KEY BOARD (TUNER)
S2004	1-554-303-21	SWITCH, KEY BOARD (CD)
S2005	1-554-303-21	SWITCH, KEY BOARD (TAPE)
S2006	1-554-303-21	SWITCH, KEY BOARD (VIDEO/DAT)
T81-B	1-433-331-11	TRANSFORMER, BIAS OSCILLATION
T1401	1-449-219-11	TRANSFORMER, POWER
TM1301	1-536-705-00	TERMINAL BOARD (SP)
X401	1-567-772-11	VIBRATOR, CERAMIC (4.19MHz)

## ACCESSORY & PACKING MATERIAL

Part No.	Description
*4-908-854-01	CUSHION
4-921-934-01	SHEET, PROTECTION

**Note:** The components identified by mark  or dotted line with mark  are critical for safety. Replace only with part number specified.

**Sony Corporation**  
Audio Group

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